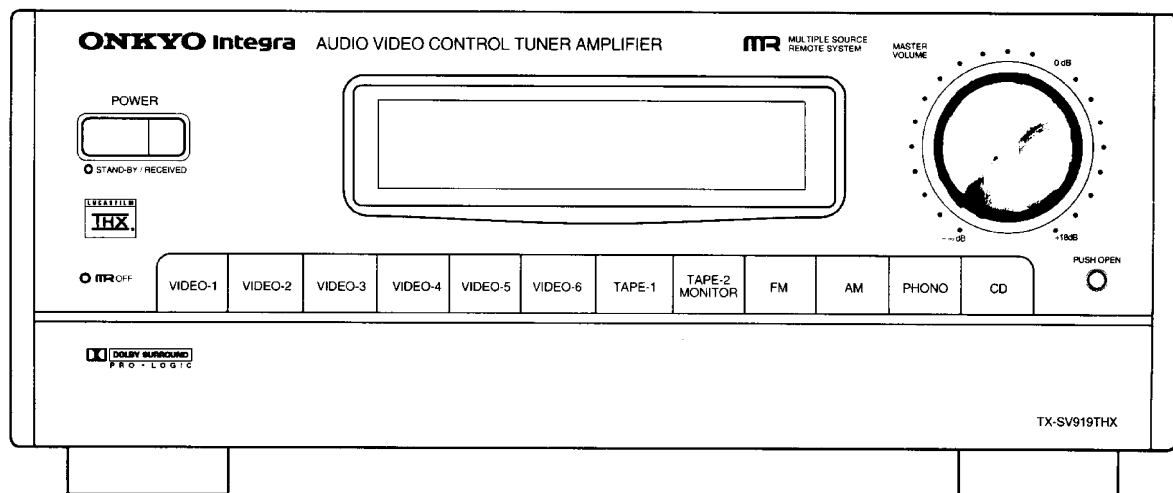


## Audio Video Control Tuner Amplifier

---

# *TX-SV919THX*



---

## Instruction Manual

● *Congratulations on your purchase of the ONKYO TX-SV919THX Tuner-Amplifier. ● Please read this manual thoroughly before making connections and turning power on. ● Following the instructions in this manual will enable you to obtain optimum performance and listening enjoyment from your new TX-SV919THX. ● Please retain this manual for future reference.*

## CONTENTS

Important safeguards.....	3
Precautions.....	4
Features .....	4
Explanation .....	5
Before using this unit.....	6
Speaker placement.....	8
System connection .....	9
Control positions and names .....	18
Learning remote control codes.....	21
Using the On-screen display function (This function is done entirely with the remote control).....	24
Listening to your favorite source .....	27
The parameter selector .....	29
System setup (when Surround is set to any mode other than BY-PASS).....	31
Using the tuner.....	37
Audio/Video Recording.....	39
Basic operation of Surround play .....	42
Use of Surround mode.....	44
Setting the Dolby Pro Logic Surround Parameters .....	46
Setting the HOME THX CINEMA Surround Parameters .....	47
Setting the Theater Surround Parameters.....	48
Setting the Stadium Surround Parameters.....	50
Setting the Concert Hall, Night Club and Arena Surround Parameters .....	52
Setting the Open Air Surround Parameters .....	54
Setting External decoder Parameters.....	55
Listening to devices connected to the TX-SV919THX in another room .....	56
Trouble shooting guide.....	57
Specifications.....	59

### CAUTION:

"TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL."



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



- The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

### "WARNING"

"TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE."

- For models having power cords with a polarized plug.

**CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

- Sur les modèles dont la fiche est polarisée.

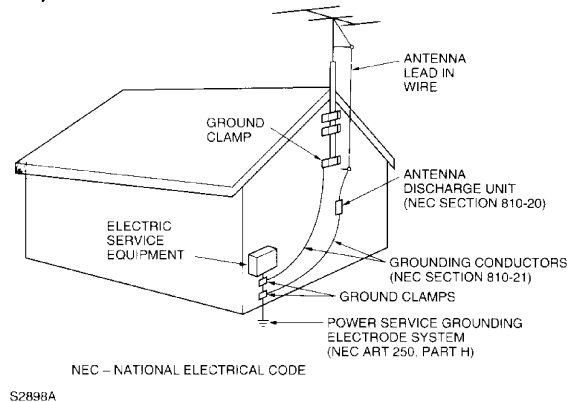
**ATTENTION:** POUR EVITER LES CHOCES ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

## Important safeguards

1. **Read Instructions** – All the safety and operating instructions should be read before the appliance is operated.
  2. **Retain Instructions** – The safety and operating instructions should be retained for future reference.
  3. **Heed Warnings** – All warnings on the appliance and in the operating instructions should be adhered to.
  4. **Follow Instructions** – All operating and use instructions should be followed.
  5. **Water and Moisture** – The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.
  6. **Carts and Stands** – The appliance should be used only with a cart or stand that is recommended by the manufacturer.
- 6A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
- PORTABLE CART WARNING
- 
- S3125A
7. **Wall or Ceiling Mounting** – The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
  8. **Ventilation** – The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
  9. **Heat** – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
  10. **Power Sources** – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
  11. **Polarization** – If the appliance is provided a polarized plug having one blade wider than the other, please read the following information; The polarization of the plug is a safety feature. The polarized plug will only fit the outlet one way. If the plug does not fit fully into the outlet, try reversing it. If there is still trouble, the user should seek the services of a qualified electrician. Under no circumstances should the user attempt to defeat the polarization of the plug.
  12. **Power-Cord Protection** – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles and the point where they exit from the appliance.
  13. **Cleaning** – The appliance should be cleaned only as recommended by the manufacturer.
  14. **Power Lines** – An outdoor antenna should be located away from power lines.

15. **Nonuse Periods** – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
16. **Object and Liquid Entry** – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
17. **Damage Requiring Service** – The appliance should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged; or
  - B. Objects have fallen, or liquid has been spilled into the appliance; or
  - C. The appliance has been exposed to rain; or
  - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
  - E. The appliance has been dropped, or the enclosure damaged.
18. **Servicing** – The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.
19. **Outdoor Antenna Grounding** – If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of the antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure 73.1.

**FIGURE 73.1:**  
**EXAMPLE OF ANTENNA GROUNDING**  
**AS PER NATIONAL ELECTRICAL CODE**



### Note to CATV system installer

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

## Precautions

### 1. Warranty Card

The serial number is written on the rear panel of this unit. Copy the serial number and model number onto your warranty card and keep it in a safe place.

### 2. Recording Copyright

Recording of copyrighted material for other than personal use is illegal without permission of the copyright holder.

### 3. AC Fuse

The fuse is located inside the chassis and is not user serviceable. If power does not come on, contact your ONKYO service center.

### 4. Care

From time to time you should wipe off the front and rear panels and the cabinet with a soft cloth. For heavier dirt, dampen a soft cloth in a weak solution of mild detergent and water or a mild ammonia cleaner, wring it out dry, and wipe off the dirt. Following this, dry immediately with a clean cloth. Do not use rough material, thinners, alcohol or other chemical solvents or cloths since these could damage the finish or remove the panel lettering.

### 5. Power

BEFORE TURNING ON POWER FOR THE FIRST TIME, READ THE FOLLOWING SECTION CAREFULLY.

- **Some models are designed for use only with the power supply voltage of the region where they are sold.**

U.S.A. and Canadian models: AC 120V, 60Hz  
Other area: AC 230V, 50Hz

## Features

### THX-Certified for High-End Home Theater Sound

Your TX-SV919THX meets all of the stringent THX-licensing standards to put your entertainment room in the same league as the top movie theaters in the country.

### Full Digital Dolby Pro Logic Circuitry

The full digital Dolby Pro Logic circuitry provides superior sound imaging, clearer dialogue and better localization of special effects.

### Eight DSP (digital signal processor) Surround Modes

Onkyo's unique DSP technology lets you recreate the actual acoustic of some of the most famous performance venues right in your home. Included are digitally processed Dolby Pro Logic, Home THX Cinema, Theater, Stadium, Concert Hall, Night Club, Arena and Open Air modes.

### Power to Spare

With 110 watts per channel to the front L/R speakers (continuous both channels driven into 8 ohms 20-20kHz at less than 0.03% THD) in stereo mode, and in surround mode 100 watts per channel to the front L/R & center channels plus 50 Watts  $\times$  2 to the L/R surround speakers (all 5 channels driven into 8 ohms 1kHz at less than 0.08% THD), you'll have more than enough power to satisfy all of your listening needs.

### Informative On-Screen Color Display with More Menus

Easy-to-understand, step-by-step on-screen menus on your TV screen tell you which options are available and which you have selected. Plus, they show you a graphic representation of the shape and relative size of the room being simulated by the DSP circuits.

### 18-Bit ADC and DAC

The high-quality 18-bit ADC used 5th order  $\Delta\Sigma$  modulation, and the 18-bit DAC used advanced single bit architecture. Both offer more accurate reproduction at micron levels.

### Multi Room and Multi Source Capability

With an extra pair of speakers, another amplifier and optional accessories, you can operate your system from another room, as well as play two different sources simultaneously.

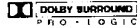
### Other Features

- Pre out terminals for external power amplifier for front L/R, center, surround L/R, subwoofer, and multi source L/R channels.
- Main in terminals for external pre amplifier for front L/R, center, and surround L/R power amplifier section.
- Optical digital audio input (video-4 sampling frequency: 44.1kHz)
- EXTERNAL DECODER INPUT terminal for Dolby Surround digital decoder
- 40 FM/AM random presets
- 6-Group classified memory tuning (rock, jazz, etc.)
- 4-level dimmer control
- Large vibration absorbing feet with tri-point configuration

# Explanation

## Surround System

### DOLBY PRO LOGIC Surround




Many motion pictures produced in the last decade have been released in "Dolby Stereo" sound, with music, dialogue, and panned effects coming from the 3-channel front soundstage, and surround effects and ambience emanating from the sides and rear of the theater. These four channels are encoded, or matrixed, into a two-channel Dolby Stereo release, and decoded in the theater by a professional DOLBY STEREO MP (Motion Picture) decoder. These surround sound effects are "hidden" in the two-channel stereo movie release, and decoded in the theater by special Dolby stereo equipment.

These same two-channel motion picture masters are used for production of stereo VHS, VHS-Hi-Fi, Beta Hi-Fi, and stereo laser discs that you can buy or rent at your video store. The TX-SV919THX incorporates the Digital Dolby Pro Logic Surround Circuit, which is designed to decode the four channel the audience experience found in DOLBY STEREO movies. Like Dolby Surround, Dolby Pro Logic Surround is capable of creating a multi-dimensional soundstage, but with the increased channel separation it gives a far greater sense of "movement" and sound localization. Just like in the theater, the addition of the active center channel ensures that all audience members hear dialogue coming from its on-screen sources regardless of seating position.

### HOME THX CINEMA Surround



By using video tapes and laser discs with the  trademark, you can recreate in your own living room the feeling of watching a movie in one of top theaters.

For best results, we suggest use the following ONKYO sound system: Front left/right/center speakers: Model No. THXF-1, left/right Surround speakers: Model No. THXS-1 and the Active type subwoofer: Model No. THXPS-1. (May not be sold in some areas.)

### THEATER Surround

This mode is many surround speakers in an actual theater. Use this mode for creating a theater atmosphere. This mode is suitable for playback of media recorded with the Dolby Surround system.

### STADIUM Surround

This mode simulates the feeling of watching an American football, soccer or baseball game at a stadium.

### CONCERT HALL Surround

This mode is especially suitable for media already having a substantial amount of reverb sound such as classical music. The atmosphere of a concert hall can be simulated.

### NIGHT CLUB Surround

This mode gives you the feeling of listening to a live jazz performance in a small nightclub.

### ARENA Surround

This mode recreates the feel of listening to a pop concert in a domed stadium.

### OPEN AIR Surround

This mode recreates the atmosphere of listening to a live performance in an open air arena.

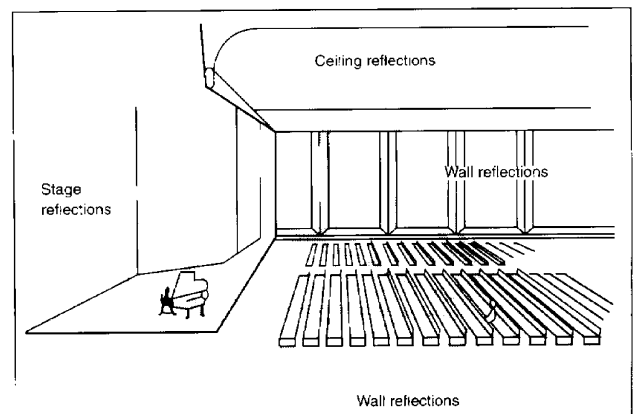
Since the TX-SV919THX is equipped with Front amplifiers, Center amplifier and Surround amplifiers, Dolby Pro Logic, Home THX Cinema, Theater, Stadium, Concert Hall, Night Club, Arena and Open Air Surround effects can be produced. You can enjoy the feeling of a movie theater, concert hall or ball game ground in your own room.

## DSP (Digital Signal Processor)

The DSP converts the musical signal into digital form and produces reflected sound from the digital signal. This is applied to the musical signal to yield an effect approaching that of a live performance.

#### NOTES:

- The concert hall effect is produced from the reflections and reverberations contained in the original recording. These are converted into reflected sound that is reproduced from four directions. Thus, in some cases an unnatural impression can be conveyed if there are too few reflections in the recording or if the effects in the original recording were produced artificially.
- The concert hall effect is not merely an artificial reverberation unit, but a sophisticated effect that spreads existing reverberation around.



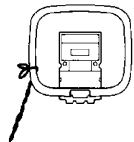
Manufactured under license from Dolby Laboratories Licensing Corporation. Additionally licensed under one or more of the following patents: U.S. number 3,959,590; Canadian numbers 1,004,603 and 1,037,877. "Dolby", "Pro Logic", and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.  
Manufactured under license from LUCASFILM LTD. U.S. patent numbers 5,043,970; 5,189,703; 5,222,059. Foreign patents pending. THX and HOME THX CINEMA are registered trademarks of LUCASFILM LTD.

## Multiple Room Remote System (MR)

The ONKYO HR-10(W) Remote Sensor (sold separately) greatly increases system flexibility. Used with your TX-SV919THX, the HR-10(W) allows you to control speakers even when you are not in the same room as the TX-SV919THX. In addition to basic functions like input source selector and volume and so on, you can also control most ONKYO CD players and cassette decks that use the **RI** system. Adding an HE-50(AC) Remote Emitter (also available as an option) allows you to control even the non-ONKYO components in your home entertainment system from a separate room. When the HE-50(AC) is being used to control more than one device from a distance but the infrared beams from the HE-50(AC) remote control alone will not reach these devices, connect an HE-10 (Remote Emitter head) to the HE-50(AC), and set it up to be aimed at the devices to be controlled. The HW-2 cable 6-1/2' (2m) is attached with the HE-10. Up to three HE-10 units can be used with this equipment.\* The **MR** mark and **RI** mark are ONKYO's own mark.

## Before using this unit

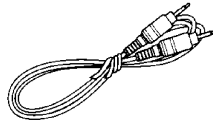
### Supplied accessories



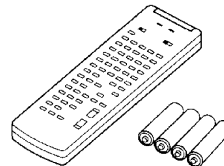
(AM loop antenna × 1)



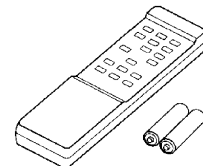
(T-shaped FM antenna × 1)



(RI remote control cable × 1)

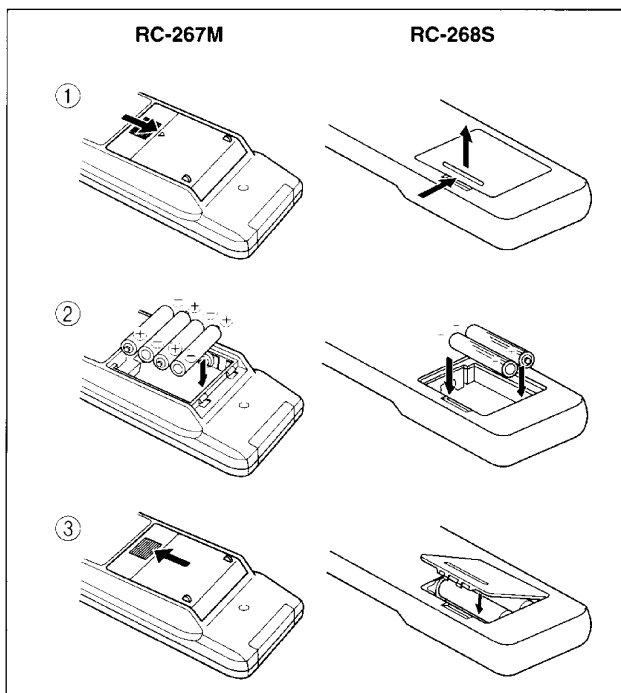


**RC-267M**  
(Main remote control × 1 Batteries × 4)



**RC-268S**  
(Sub remote control × 1 Batteries × 2)

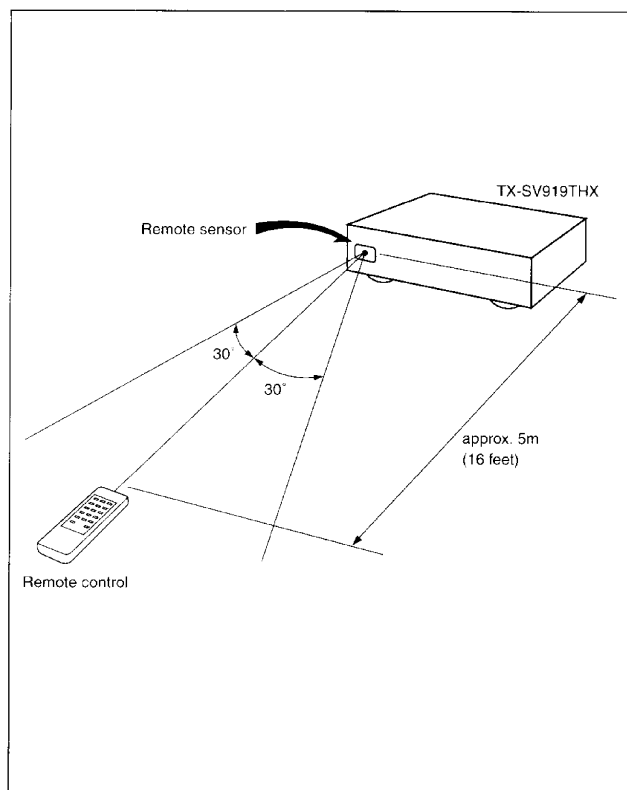
### Remote control battery insertion



### Loading the batteries

Remove the battery compartment cover by opening it as shown in the illustration. Load four R03 (UM-4) AAA size batteries into the RC-267M and two R6 (UM-3) AA size batteries into the RC-268S with the plus (+) and minus (-) terminals positioned as indicated by the diagram inside the battery compartment and close the cover.

- When the batteries lose their power, the indicator on the remote control will flash when any button is pressed. (Only for the RC-267M)
- Remove dead batteries immediately to avoid corrosion damage.
- To avoid potential corrosion damage, never mix old batteries with new ones.
- Learned codes are not lost even when the batteries are replaced. They may be lost, however, if battery replacement is not completed within an hour. In this case, the unit must learn the codes again. (Only for the RC-267M)
- The manganese batteries supplied with this unit have a service life of approximately six months, depending on frequency of usage.
- The TX-SV919THX comes equipped with R03 (UM-4) AAA, R6 (UM-3) AA manganese batteries, but we recommend that long-life alkaline batteries LR03 (AM-4) AAA, LR6 (AM-3) AA be used when replacing the batteries.



## Precautions

- This unit uses infrared rays. Therefore, commands may not be received properly, if the Front panel of the TX-SV919THX is exposed to bright light. To prevent this from occurring, place the TX-SV919THX so that it is not directly exposed to bright light.
- If the TX-SV919THX is placed inside an audio rack behind a glass door, the door should not use colored glass or have any decorations on it since this could shorten the range or prevent commands from being received.
- Use of other infrared remote control devices in the same room may cause interference.
- The remote control operates up to a distance of about five meters (16 feet). The transmitting window must always be pointed at the reception window when a command is sent to the TX-SV919THX.
- If the remote control does not operate properly, confirm that the batteries are not dead. If the problem persists, contact your Onkyo Service Center.

## Memory preservation

The TX-SV919THX itself does not require memory preservation batteries. A built-in memory power back-up system preserves the contents of the memory during power failures and even when the unit is unplugged. The unit must be plugged in in order to charge the back-up system.

The memory preservation period after the unit has been unplugged varies depending on climate and placement of the unit. On the average, memory contents are protected over a period of a few weeks after the last time the unit has been unplugged. This period is shorter when the unit is exposed to a highly humid climate.

# Speaker placement

## Placing the speakers for Surround effects

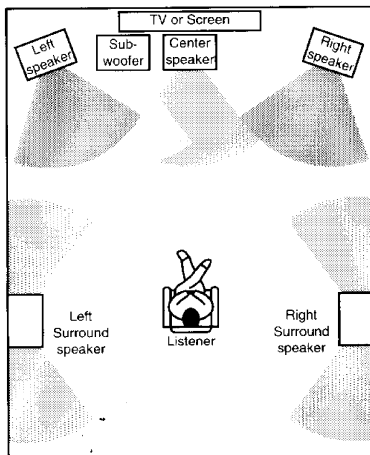
Speaker placement plays an important role in the reproduction of Surround sound. The manner in which the speakers are placed varies depending on the size of the room and the wall coverings used in the room. The following shows an example of a layout for standard speaker placement. Refer to the example for placing the speakers appropriately in order to experience the best of Surround sound.

At a minimum for Surround sound reproduction, two Front speakers and two Surround speakers are required.

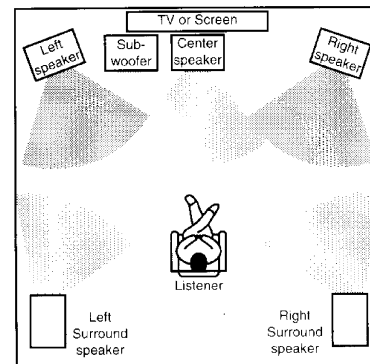
- The TX-SV919THX is capable of using a 2 speaker systems (A/B) (left, right, center, left surround and right surround). Further, you are able to set the levels for A and B separately.
- The subwoofer output of the TX-SV919THX is the pre out. Please use an active subwoofer or a subwoofer together with a power amplifier.

### THX SPEAKER SYSTEM

- Use speakers approved by LUCASFILM LTD.
- Use left, right and center speakers placed at the same height and aim them toward the seated ear height position.
- Use left and right surround speakers placed above the listener's ear level, and generally to the sides of the listeners.
- Since sound emanates from the front and rear of the surround speakers.
- Other surround speaker to locations may also be acceptable as long as the null is pointed toward the listening area.



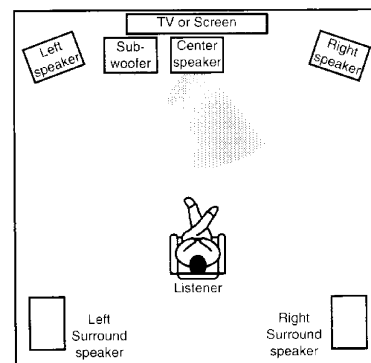
### OTHER SPEAKER SYSTEMS



### Center speaker mode

Because the Center Speaker plays such an important part in Surround, there are three different modes for it, depending on its size.

- Large THX: Use when center speaker is a large, wideband type, or when THX-certified Front speakers are used, in conjunction with a subwoofer.
- Small: Use when the center speaker is small and has limited bass signal handling. In this mode, sounds under 100Hz are split out to the left and right speakers.
- NONE: When no center speaker is used. The center channel signal is split between the Left and Right speakers. Producing similar result to that of a center speaker.
- When the STEREO/MONO setting is set to MONO
- ON: The monaural sound will come from the center speaker.
- NONE: A monaural sound will come from the left and right speakers.



## Placing a Subwoofer speaker

To enjoy powerful bass sounds, install a subwoofer with a built-in power amplifier. The placement of the Subwoofer does not affect the final quality of the sound image too much, therefore as its exact placement is not critical, you can install it more with the room layout in mind.

To especially enjoy A/V surround, a subwoofer or two subwoofers can bring out the best features of Dolby Pro Logic and HOME THX Surround.

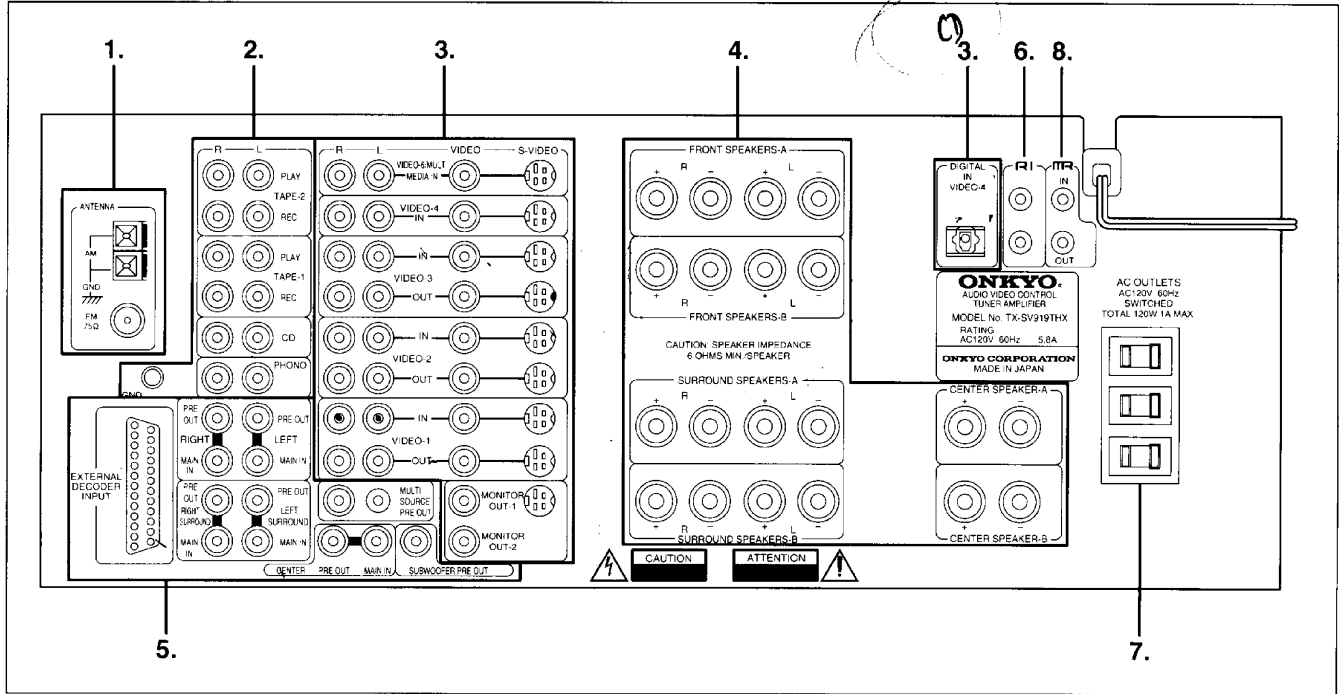
Since ONKYO's THXPS-1 subwoofer uses two subwoofer speakers, place one under the left speaker and one under the right speaker at the front of the room.



# System connection

Do not plug in the mains power cord until all other connections have been made.

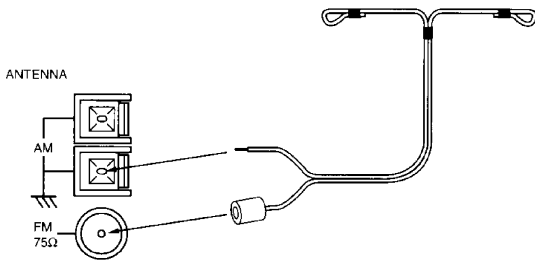
As the sound quality of this unit will diminish if the left and right channels are reversed, ensure that the left and right channel connections are correct. When jacks on other equipment or connection cables are color coded, the red-colored cord usually corresponds to the right channel, the white-colored cord usually connect to the left channel and the yellow-colored cord usually connect to the video.



## 1. Antenna connections

### FM indoor antenna connection

Move the antenna in various directions until the clearest signal is received. Fix it with push pins in the position with the least amount of distortion.

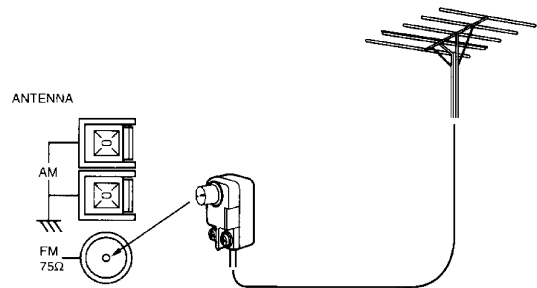


#### NOTE:

If the reception is not very clear with the attached T-shaped antenna, the use of an external antenna is recommended.

### FM outdoor antenna connection

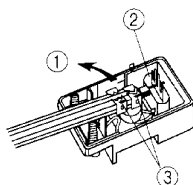
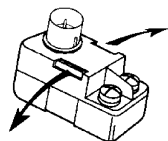
Keep the antenna away from noise sources (neon signs, busy roads etc.) It is dangerous to put it close to power transmission cables, so keep it well away.



## How to connect a 75/300 ohm antenna adapter (included)

### Connecting a coaxial cable

1. With your fingernail or a small screwdriver, press the stopper outwards and remove the cover.
2. Prepare the coaxial cable as shown below.
3. Connect the 75/300 ohm antenna adapter to the coaxial cable

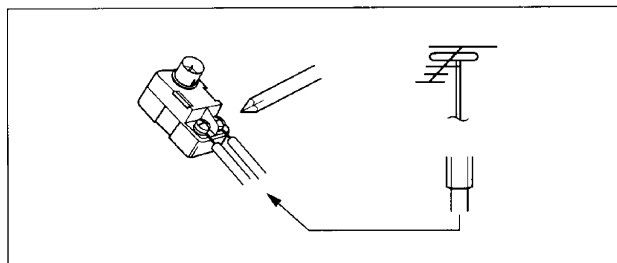


RG-6

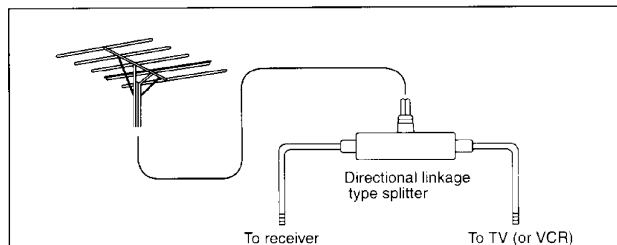
6mm 3mm 6mm  
15mm

1. Remove the red cord.
2. Insert the end of the cable.
3. Clamp in place with pliers

## Connecting a T-shaped FM antenna or 300 ohm FM outdoor antenna



### Directional linkage

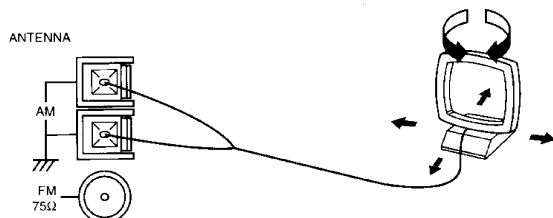


#### NOTE:

Do not use the same antenna for both FM and TV (or VCR) reception since the FM and TV (or VCR) signals can interfere with each other. If you must use a common FM/TV (or VCR) antenna, use a directional linkage type splitter.

## AM indoor antenna connection

Set it to the direction where you can receive the clearest sound, and as far away from the main unit as possible. If you bring it closer to the connecting wires you may get some interference.

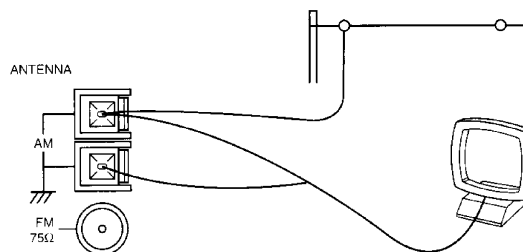


#### NOTE:

If reception is unsatisfactory with the attached AM loop antenna alone, it is recommended that you attach an external antenna.

## AM outdoor antenna connection

Do not remove the AM loop antenna. The external antenna will be more effective if you stretch it horizontally in a high place above a window, or outside.

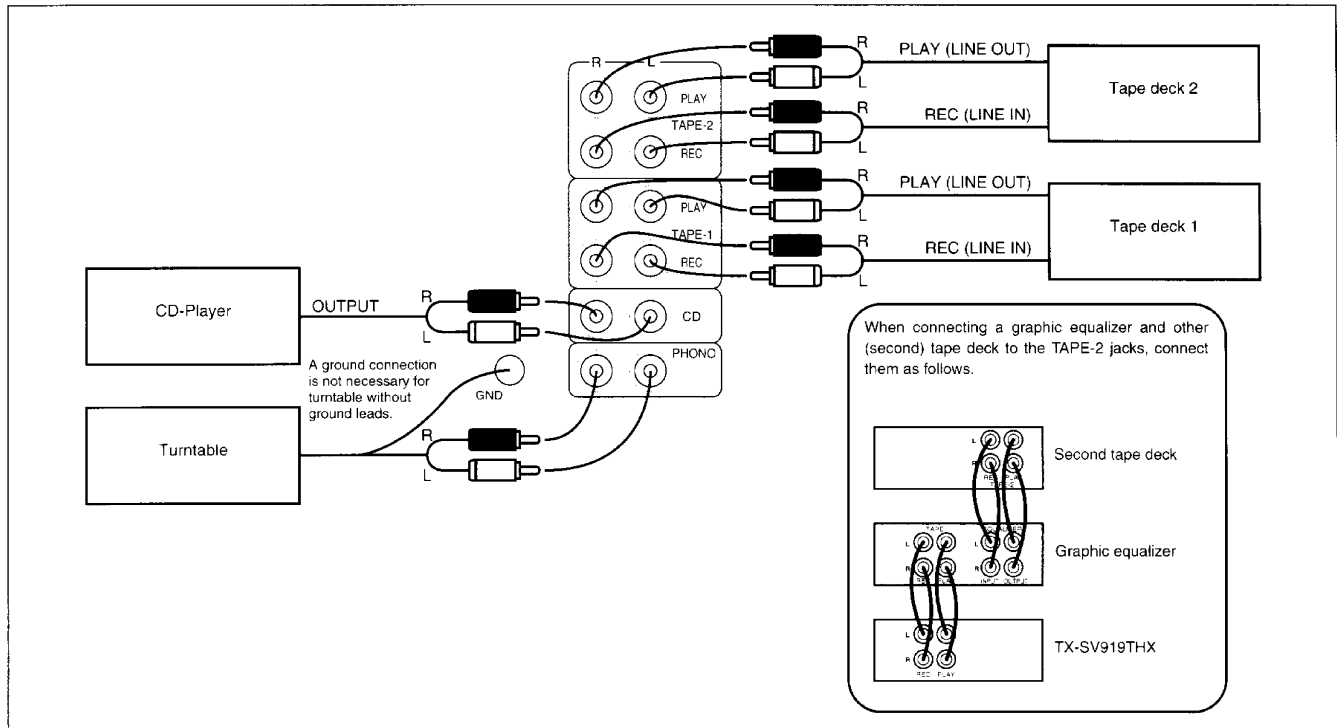


#### NOTE:

AM reception is easily affected by television sets and VCRs. Therefore, AM reception may be poor if this unit is placed too close to a TV or a VCR.

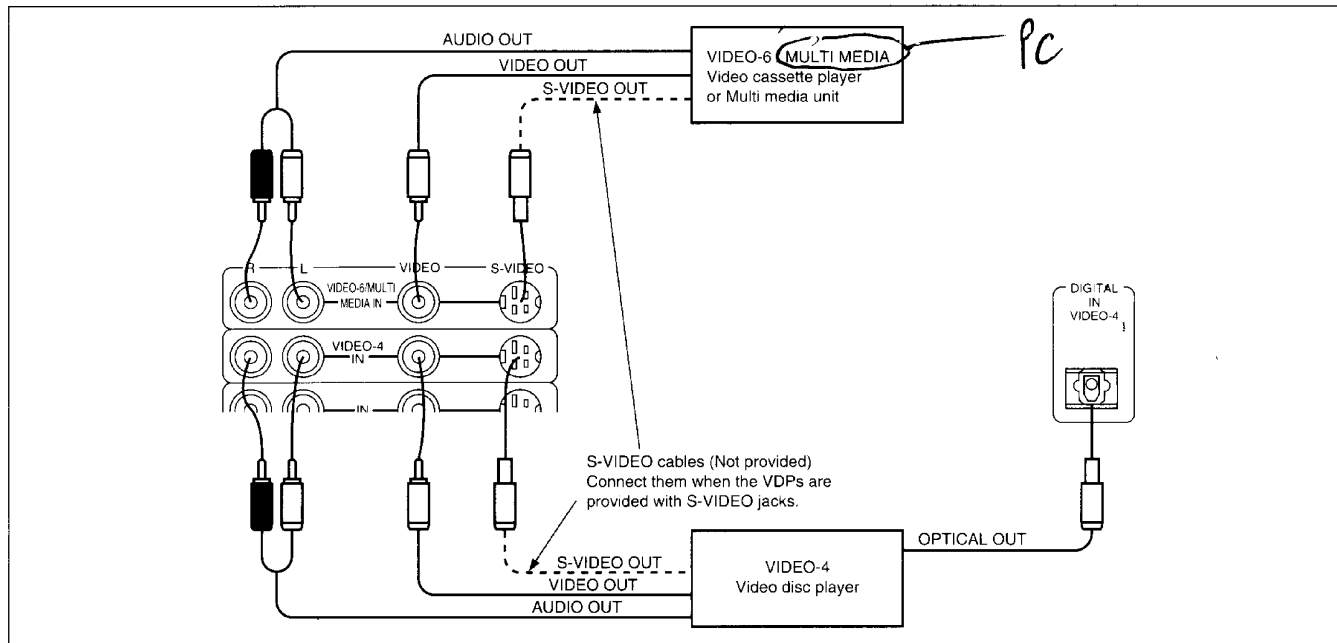
## 2. Audio connections

Please refer to each device's instruction manual regarding operation and installation procedures and precautions.



## 3. Video connections

### Video player connections (VIDEO-4, 6)



### VIDEO-4 OPTICAL INPUT

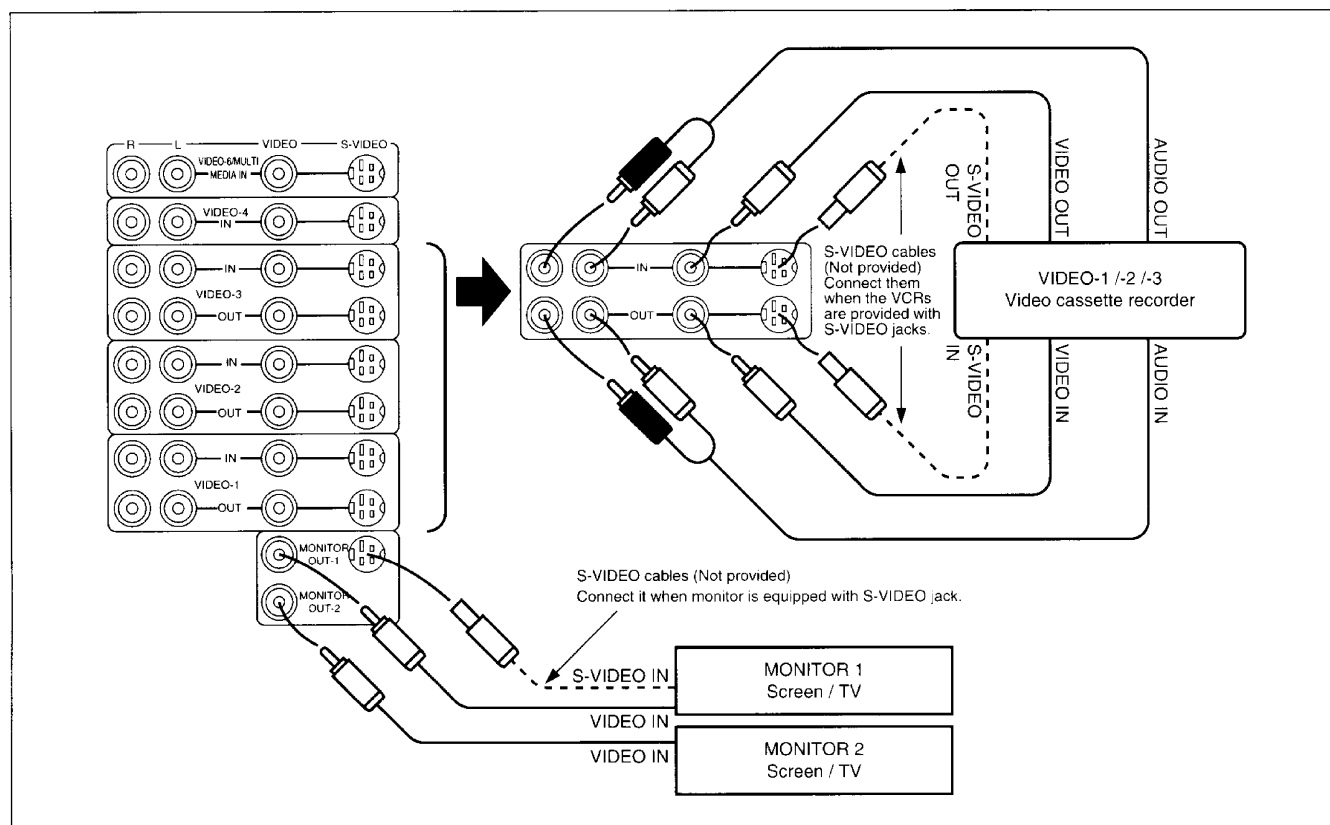
Connecting the OUTPUT terminal of the Video Disc Player with the optical digital output (sound) and the DIGITAL IN VIDEO-4 terminal of the main unit with an optical fiber cable enables higher class sound reproduction. To connect the DIGITAL IN VIDEO-4 terminal, switch to Optical from Analog with the Parameter Selector button or the Cursor button on the remote control. Then, remove the protection cap from the DIGITAL IN VIDEO-4 terminal and fully insert the optical fiber cable (model no. PC-121FB, sold separately) by properly matching the shape of the terminal.

*U4 In Optical*

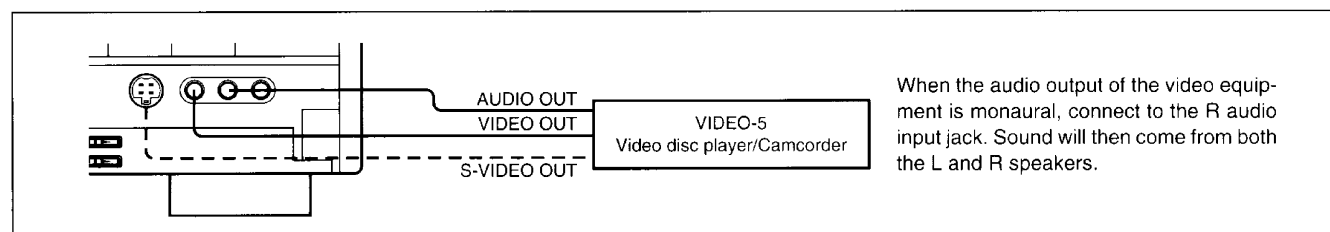
#### NOTES:

- Some Video Disc Players do not have optical output terminals. When using analog recorded video media, change the setting to Analog with the Parameter Selector button or a cursor button on the remote control and connect it with an audio cable (RCA connector). If the DIGITAL IN VIDEO-4 terminal is set to OPTICAL and only an analog signal is inserted (an optical signal is not connected), no signal is output.
- OPTICAL input is not output to the REC OUT terminal of the TAPE 1, 2, VIDEO 1, 2, 3 and MULTI SOURCE pre out.

## Video Cassette Recorder and Monitor connections (VIDEO-1 to 3, MONITOR OUT-1, -2)

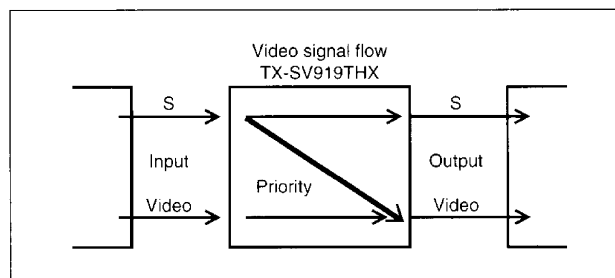


## Video Component connections (VIDEO-5 on the front panel)



## Video Input/Output

This unit has S input and S output connectors. A signal input into connector S will be output in both the S connector and the normal video connector. However, a signal input into the normal video connector will be output in only the normal video connector.



### NOTES:

- To use these components, a pin connection must also be made.
- When not using the optical fiber cable, leave the protection cap on the DIGITAL IN VIDEO-4 terminal.
- When a video deck or a TV monitor with an S input is connected to both the S connector and the normal video connector, some models automatically select recording or playback via the S connection (S connector input priority).

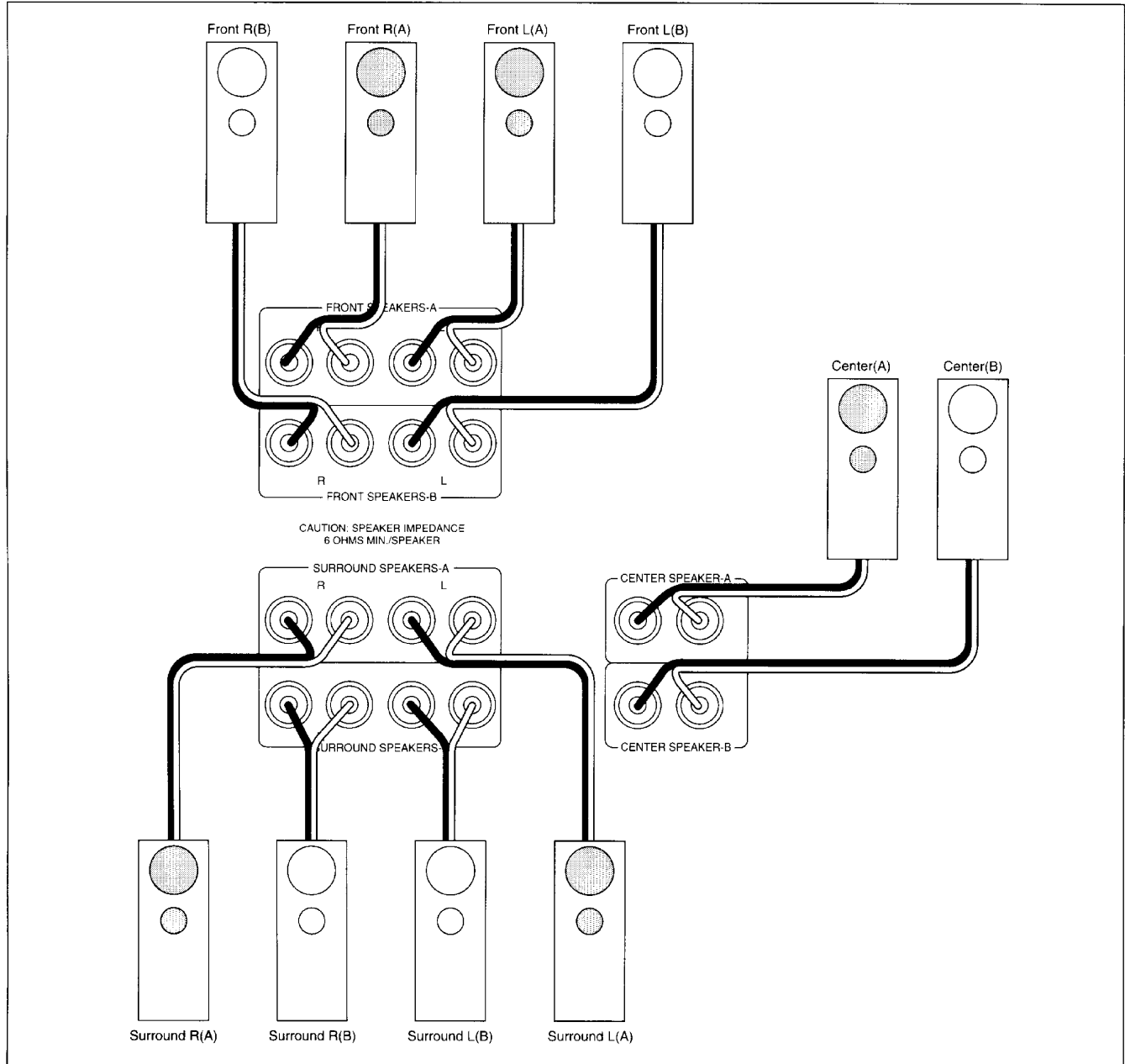
## 4. Speaker connections

### Connecting the speakers

If you want to use Surround effects, the Surround and Center speakers must be connected. (Surround effects can be heard even if a center speaker is not connected.)

The speakers that are to be located in the room as the TX-SV919THX should be connected to the A or B speaker terminals.

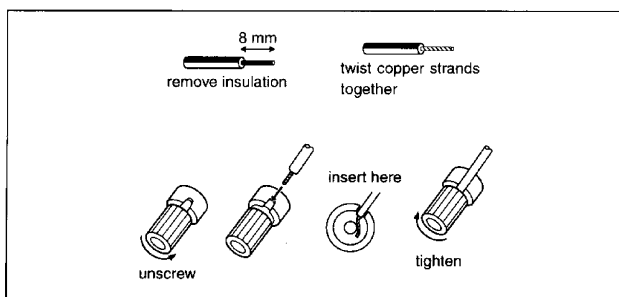
To get the full effects of the Surround processor, ensure the Left and Right and L/R Surround speakers are not reversed.



#### NOTES:

- Do not connect a single speaker in parallel to the front L/R, center, and surround L/R channel output.
- Use speaker cables that have a low impedance and that are as short as possible.
- **SPEAKER IMPEDANCE:** FRONT L/R,CENTER,SURROUND L/R: 6 ohms min. / speaker

### Connecting the speaker cables



#### NOTES:

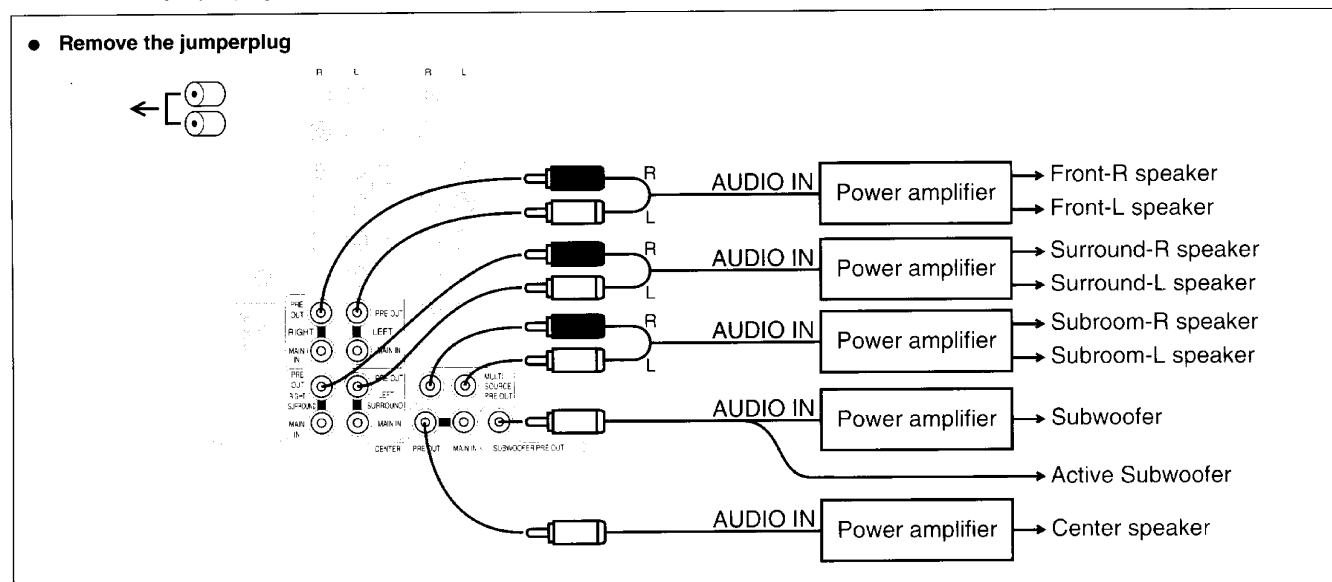
- When using banana plugs, make sure the speaker terminal screws are screwed in firmly before inserting the banana plugs.
- Speaker terminals on European models not banana plug compatible.

## 5. Amplifier connections

### Power amplifier connections

The TX-SV919THX is equipped with a set of PRE OUT terminals which allow you to connect each external power amplifier. With a powerful power amp, you can play music at even higher volume levels than with the TX-SV919THX alone. Connect the power amp to the PRE OUT terminals of the TX-SV919THX, and connect the speakers to the power amp.

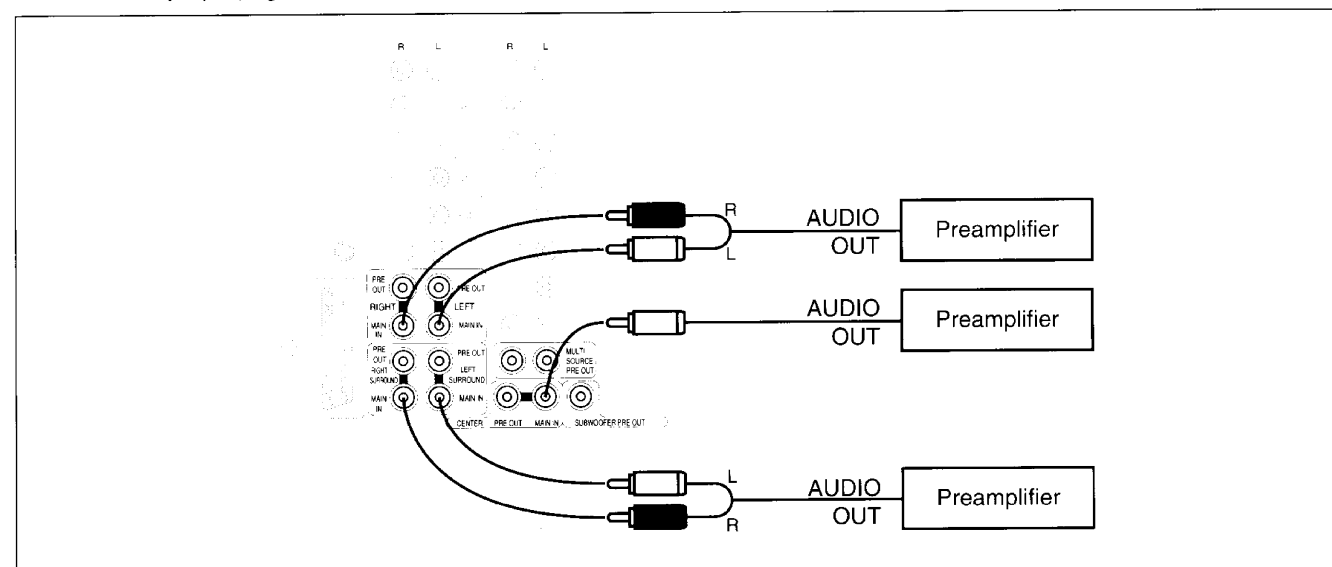
First remove the jumper plugs from the PRE OUT and MAIN IN terminals on the rear panel.



### Preamplifier connections

The TX-SV919THX is equipped with a set of MAIN IN terminals which allow you to connect an external preamplifier. Connect the preamp to the MAIN IN terminals of the TX-SV919THX, and connect the speakers to the TX-SV919THX.

First remove the jumper plugs from the PRE OUT and MAIN IN terminals on the rear panel.



#### NOTE:

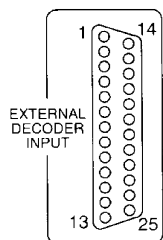
Be sure not to lose the jumper plugs after they have been removed.

## External decoder connection

Your TX-SV919THX is equipped with a DB-25 type External Decoder Input terminal. You will be able to enjoy Dolby Surround Digital sound by connecting one end of a cable (\*) to this terminal and the male connector of the cable to the Dolby Surround Digital Decoder (AC-3 format) developed by Dolby Laboratories Inc.

\* Contact your authorized ONKYO Service Center.

### DB-25 Input Terminal Pin Assignments



Pin No.

1 : Left + (L)

14 : Left ground

2 : Center + (C)

15 : Center ground

3 : Right + (R)

16 : Right ground

Pin No.

4 : Subwoofer + (SW)

17 : Subwoofer ground

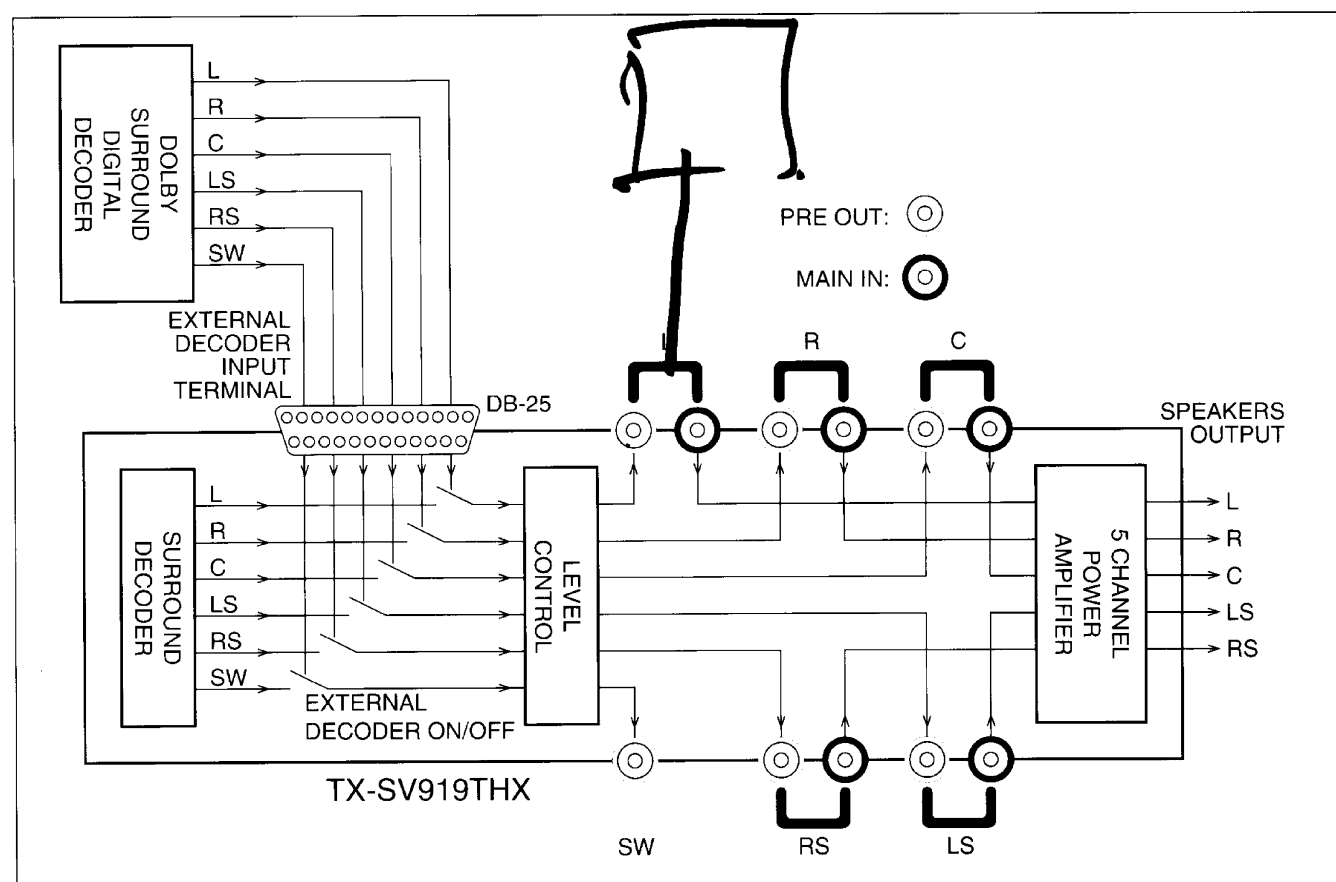
5 : Left Surround + (LS)

18 : Left Surround ground

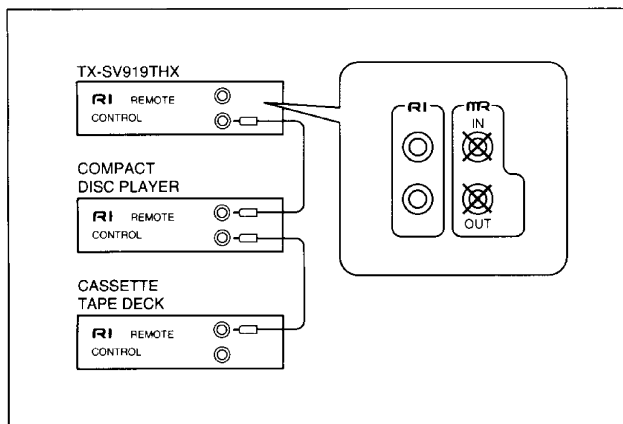
6 : Right Surround + (RS)

19 : Right Surround ground

Another Pin is not connected.



## 6. Connections for **RI** remote control



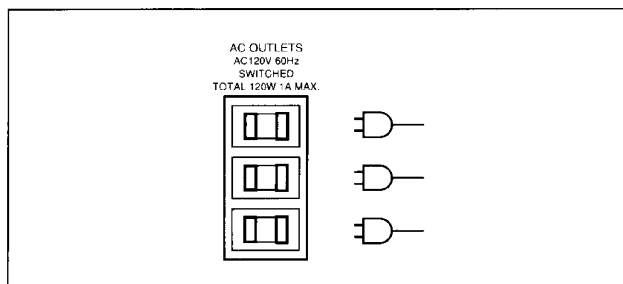
A cassette tape deck and compact disc player that have the ONKYO **RI** mark can be operated using the accessory remote control with the TX-SV919THX.

Connect a remote control cable to the black jack with the **RI** mark. Never connect it to the green jack with the **MR** mark. Connect the remote control cable as shown left side to enable remote control operation of other components.

### NOTES:

- To enable proper remote control operation, both the **RI** cable and the audio cables must be connected between units.
- The TX-SV919THX remote control cannot be used to control ONKYO turntables.
- An **RI** remote control cable equipped with a 1/8" (3.5 mm) miniature 2 conductor phone plug is included with the TX-SV919THX and with any other component with the **RI** mark.

## 7. AC Outlets



The shape and power loading capacity of the outlets differs depending on the region. The USA & Canadian model is shown.

USA & Canadian model: 1A 120 watts max.

Other model: 120 watts max.

SWITCHED

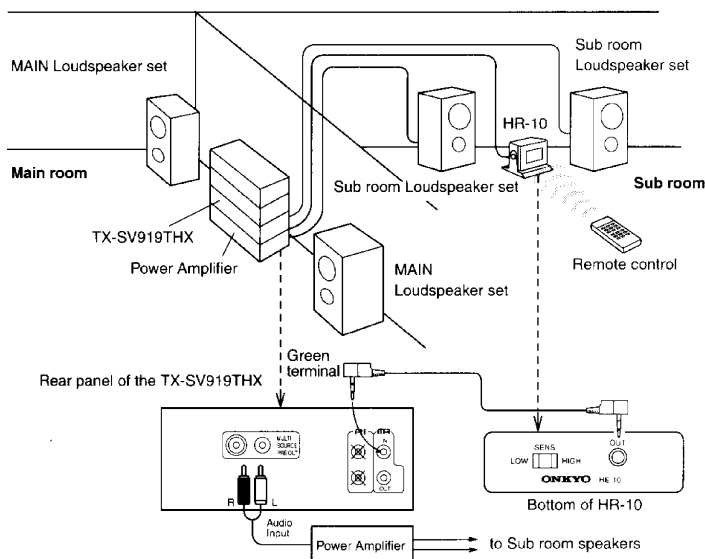
These outlets are switched on and off by the power button on the Front panel, and on the remote control.

## 8. Connections for Multiple Room Remote Control

Use a power amp to connect the subroom speaker.

### Using only the HR-10 (optional)

In this case, both the ONKYO CD player and the cassette tape deck bearing the **RI** mark and connected to the TX-SV919THX can be controlled.



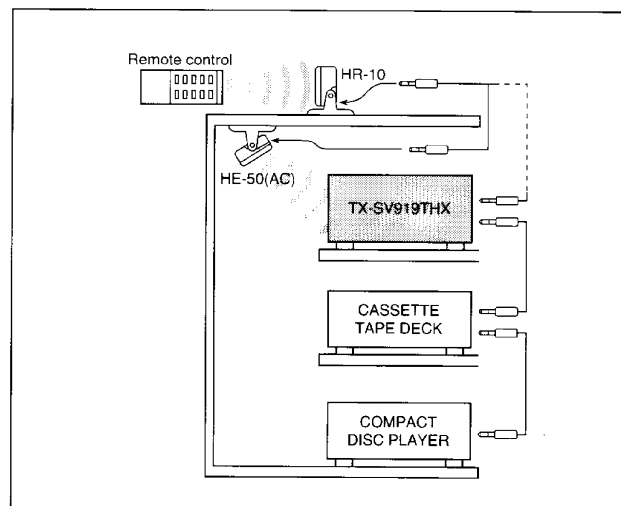


## When the TX-SV919THX is mounted in a rack

Which will not permit infrared beams to pass, mount the HR-10 somewhere outside the rack that will pick up the signals.

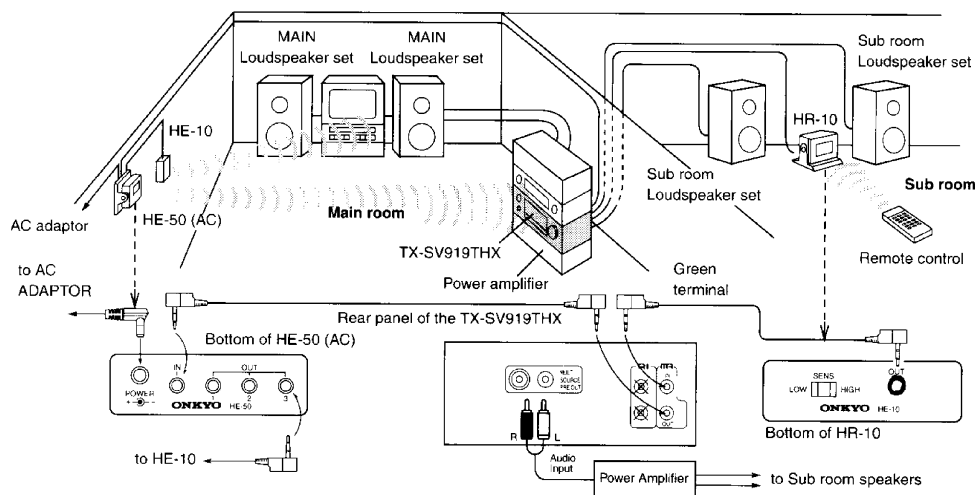
If all components bear the **RI** mark, connect on **MR** cable from the HR-10 to the **MR** input on the TX-SV919THX, and from there connect **RI** cables to the other components (Refer to "6. Connections for remote control." Page 16).

If the other components can receive infrared remote control signals, but do not have the mark, mount an HE-50(AC) inside the cabinet so that signals from it will reach the sensors in all components, and connect it to the HR-10 with an **MR** cable.



## Using the HR-10 (optional) and HE-50 (AC) (optional)

If all the components can not be controlled by the HE-50 (AC) alone because they are installed at various places in the main room, use a Remote Emitter head HE-10 (optional). This also allows you to control components that are not ONKYO, or do not have an **RI** mark, as long as they can be controlled by infrared remote control. When using an HE-50(AC), the HE-50(AC) or HE-10 should also face the TX-SV919THX.



- Always unplug the AC power cords for the TX-SV919THX and HE-50(AC) when connecting the **MR**.
- Insert the **MR** mini-plug into the green terminal on the Rear panel of the TX-SV919THX.

### Note on **MR** cables

Any remote sensors and emitters (HR-10, HE-50(AC), HE-10) should be connected with low capacitance shielded 2-wire coaxial cables with 1/8" (3.5 mm diameter) mini-plug connectors. Maximum cable length is determined by the characteristics of the particular cables used but up to approximately 164' (50 m) lengths are generally practical.

Ready made cables complete with mini-plug connectors are available in the following lengths: 6-1/2' (2m) (HW-2), 98-7/16' (30m) (HW-30), and 164' (50m) (HW-50). (ONKYO cables may not be sold in some regions.)

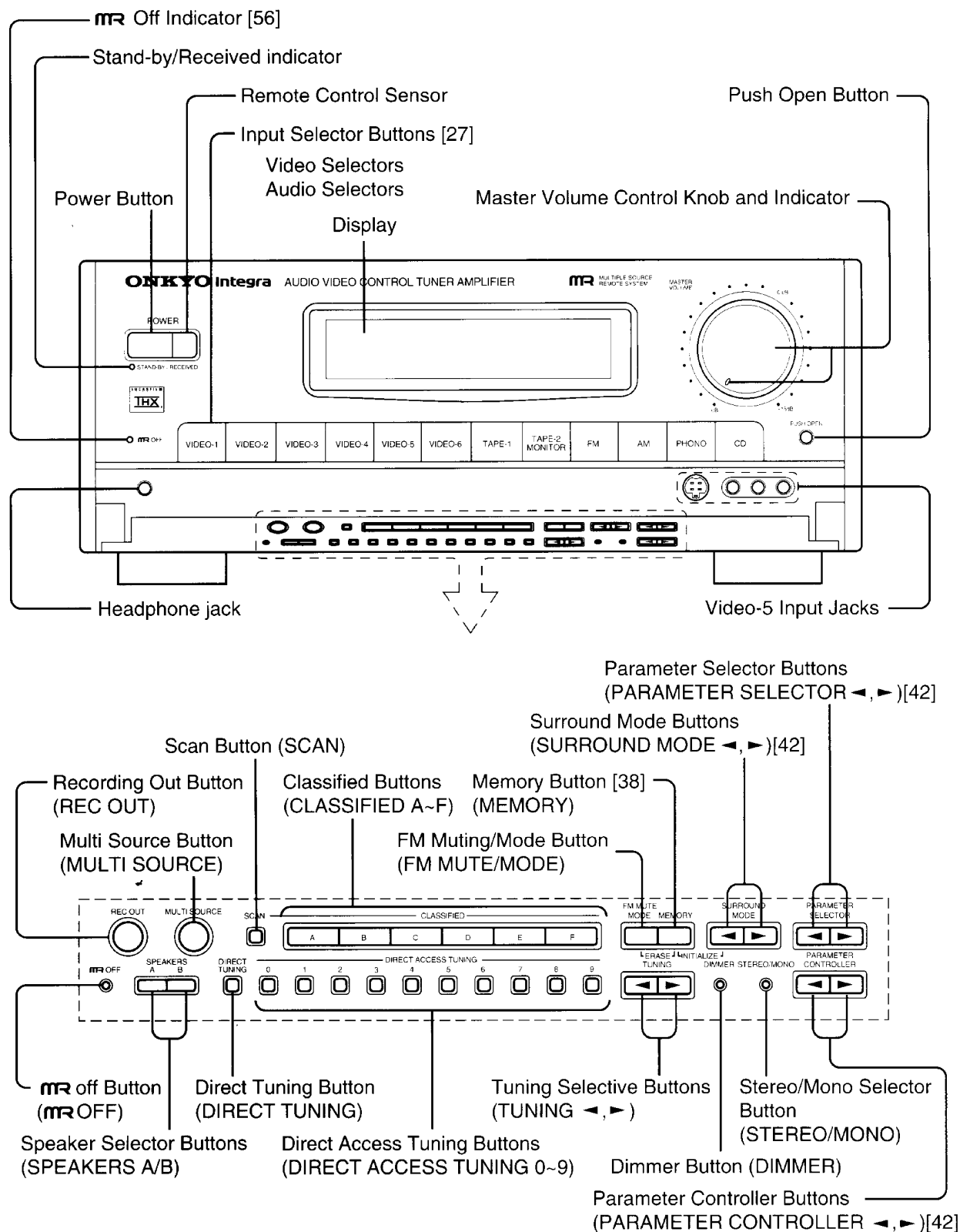
Refer to the instruction manual which comes with the HR-10 when making these connections.

The loudspeakers in the other room should be connected with low impedance cables to the speaker terminals on the Power Amplifier connected to the MULTI SOURCE PRE OUT on the TX-SX919THX in the main room.

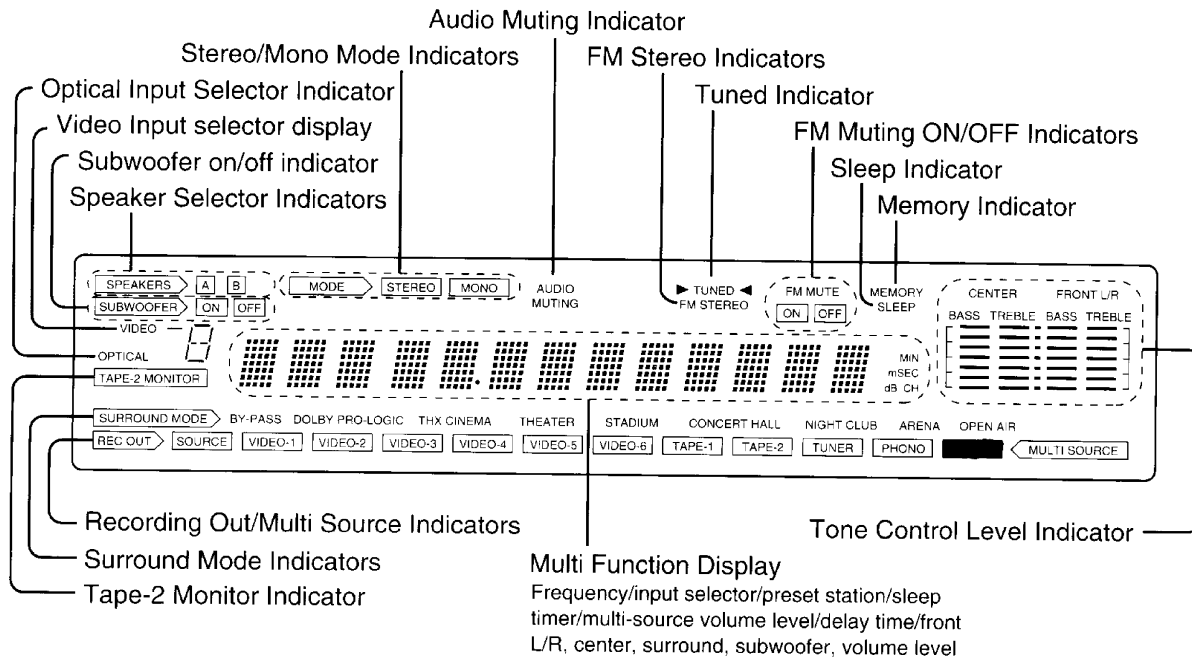
### Control positions and names

### Front panel

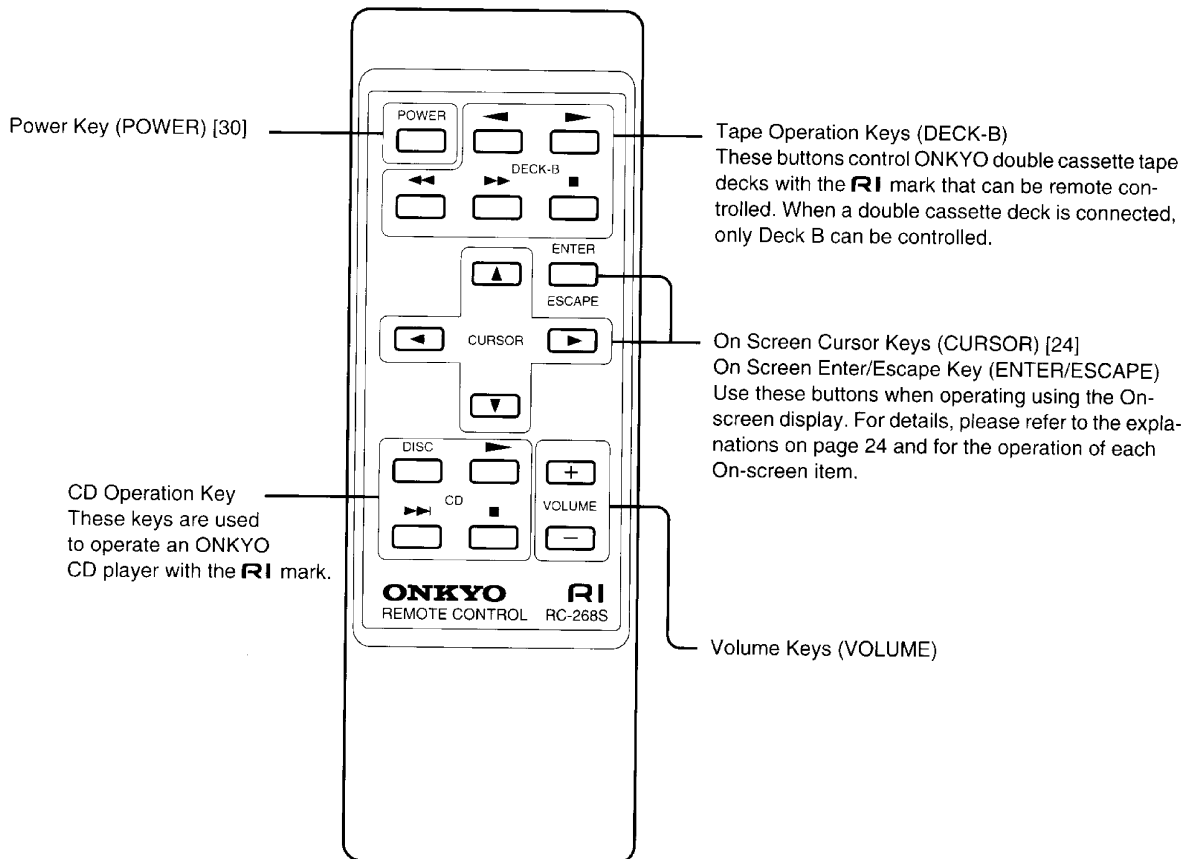
For more information about buttons or controls, turn to the page number listed in the [ ].



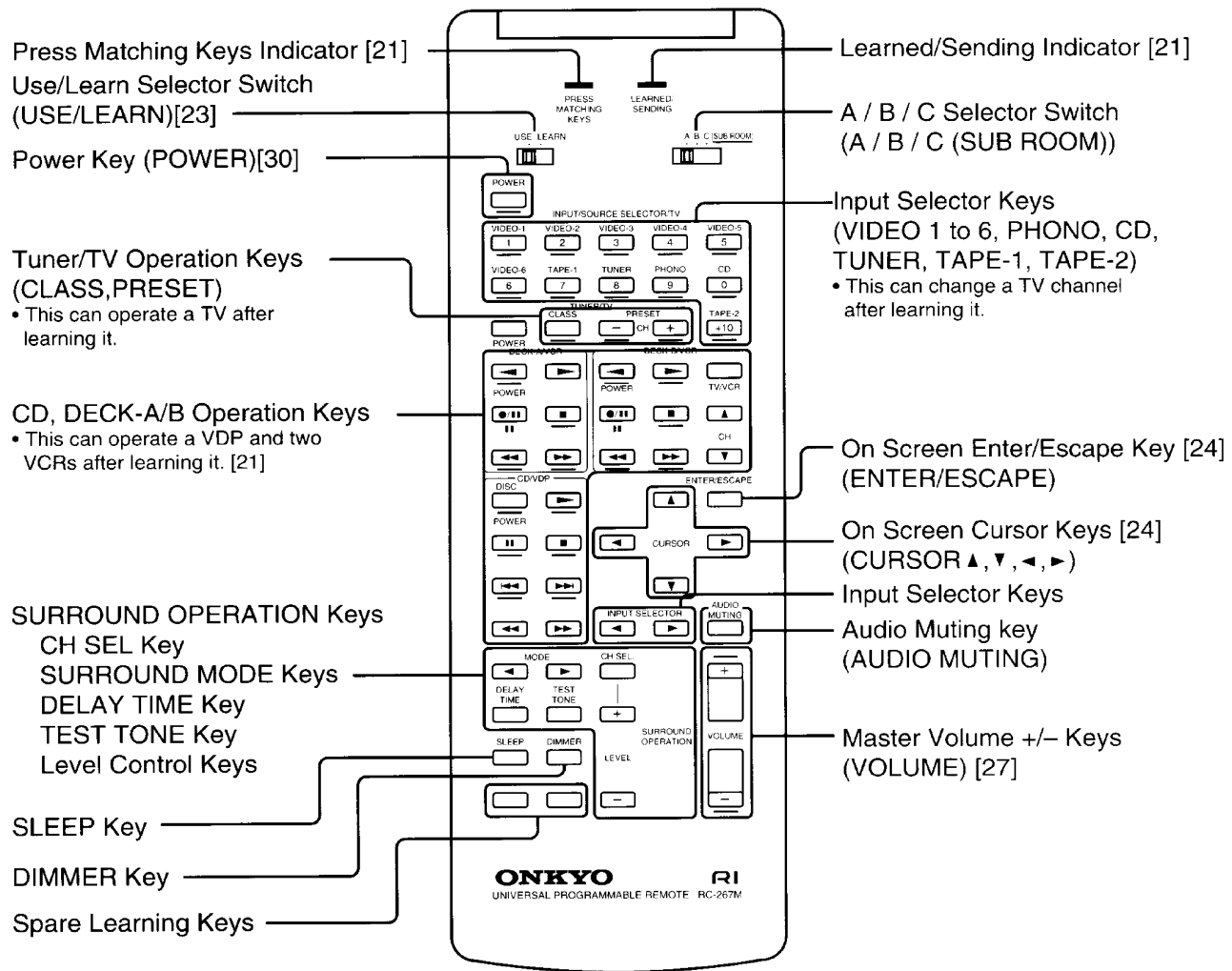
## Display



## Remote Control (RC-268S)



# Universal Programmable Remote Control (RC-267M)



## NOTE:

The keys with the blue lines printed under them are used when the A/B/C Selector Switch is set to C(SUBROOM).

# Learning remote control codes

## Universal Programmable Remote Control RC-267M

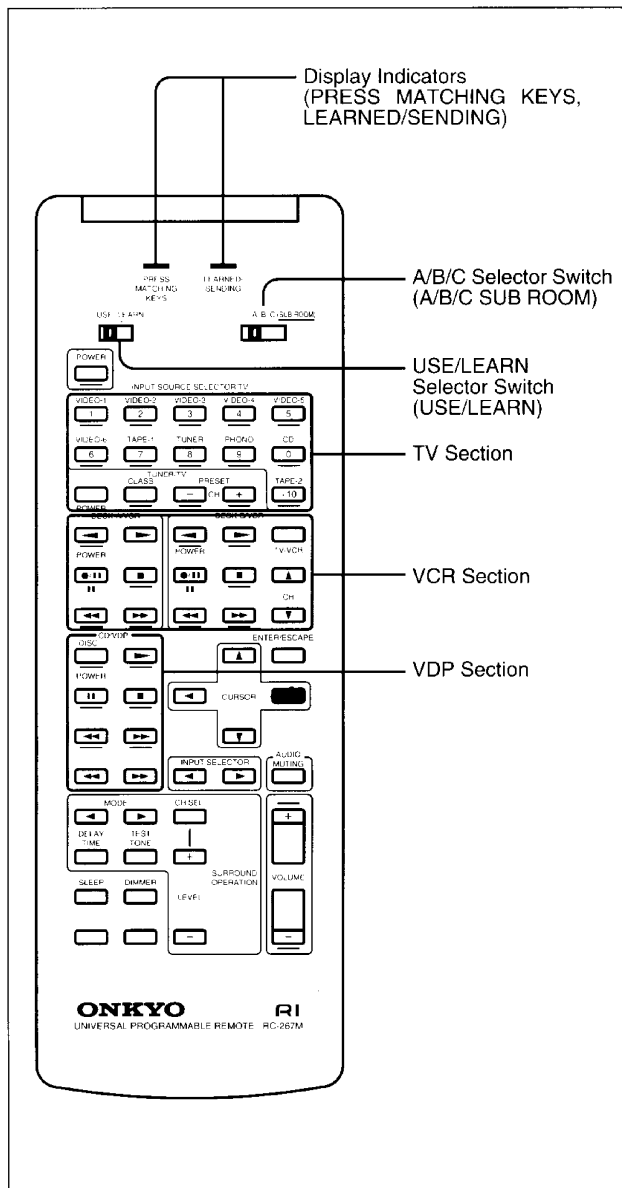
The RC-267M is a remote control which uses high-level computer technology to provide programming functions.

If you are using a product made by another company which has a remote control, you can memorize the codes of that product into the RC-267M. If you are using an ONKYO compact disc player, or cassette tape deck that has the **RI** mark, there is no need to memorize the codes of its remote control into the RC-267M. All of your remote control needs can be satisfied using the RC-267M alone.

### NOTES:

- Commands of systems with the **RI** ONKYO mark are already stored at the A, B and C (SUB ROOM) positions of the A/B/C Selector switch. There is no need to "learn" them.

## Displays and switches



- If necessary, each of the A or B keys can be placed in the memory with a different code. They cannot be placed in memory when to C (SUB ROOM) position.
- The output of most infrared remote control transmission units on the market today consists of a series of pulses (codes). By changing these codes, functions can be differentiated between products from different manufacturers. In order to mimic other remote controls, and control different devices with different codes, the RC-267M must be assigned the same codes as the other remote controls.

## The Display indicator

### (PRESS MATCHING KEYS, LEARNED/SENDING)

These indicators act as a guide when this unit "learns", "uses" and "sending" commands. They also warn the user when an error is made or when battery power is low.

## If the indicator flashes

During learning, the both indicators flash if the codes being learnt are unstable and cannot be memorized properly. This is because the RC-267M requires highly stable transmission output for identifying codes. To ensure the reception of stable codes, place both remote control on a table or other level surface and position them at a fixed distance and orientation, facing each other.

Another possible reason for unstable transmission codes is worn-out batteries on the existing remote control. Replace the batteries of the existing remote control with new ones, then repeat the learning operation.

If the both indicators flash when a button is pressed on the RC-267M, it means that the RC-267M batteries are worn out. Replace its batteries with new ones.

## The programmable buttons

- The VIDEO section is partially indicated by blue characters and consists of the following functions.

For TV: Numeric keypad 1-9, 0, +10 CH (-,+), POWER  
For VDP: POWER, ◀, ▶

Assign the other keys to the same section as the white characters on the CD.

For VCR: POWER, PAUSE (||) TV/VCR, CH

Assign the other keys to the same section as the white characters on the tape deck.

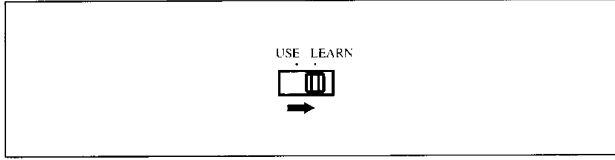
- The RC-267M can also store remote control codes at A and B keys that are not indicated by characters or symbols.
- Be sure to assign functions to the keys with the corresponding function names and/or symbols. If functions and key names are different, the function which actually operates will be different from that which is displayed.

For instructions regarding the operation of "learned" units, please refer to the individual instruction manuals for each product.

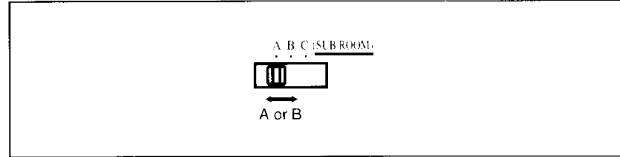
- Even after codes have been memorized, please keep your existing remote control transmitter in a safe place. If the memorized codes are lost when the batteries run down, etc., it will be necessary to memorize them once again using the existing remote control transmitter.

## “Learning” new controller codes

1. Set the USE/LEARN selector switch to LEARN.



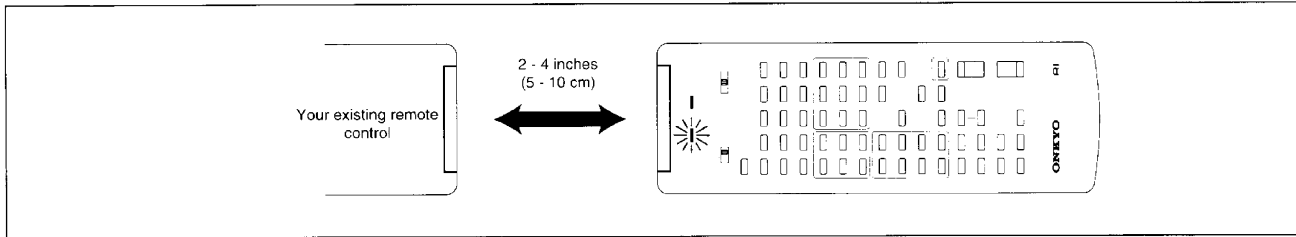
2. Select A or B from A/B/C(SUB ROOM) selector switch.



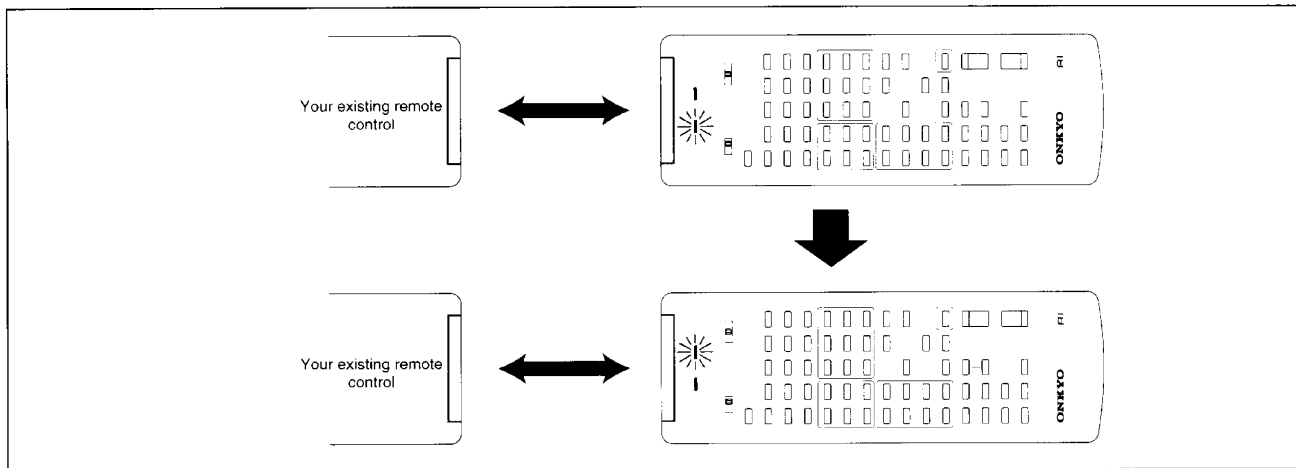
3. Place the head of your existing remote control 2-4 inches (5-10 cm) from the head of the RC-267M, laying both units on a table or another flat surface.

4. Press the key of the RC-267M that you want to memorize the code into.

- The PRESS MATCHING KEYS indicator lights.



5. Hold down the key you want to memorize on your existing remote control while the PRESS MATCHING KEYS indicator is lighted, until the LEARNED/SENDING indicator lights.



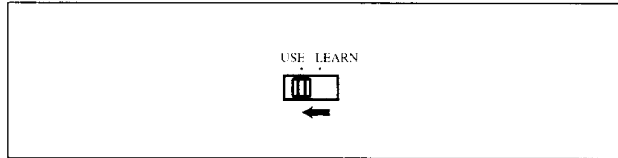
6. To continue the process and memorize another button, repeat steps 4-5.

### NOTES:

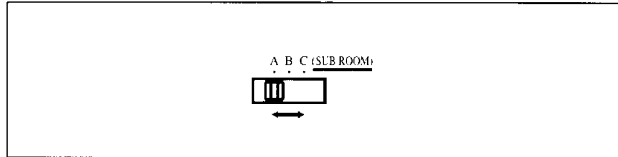
- Some remote controls use a single key to change codes, with the code changing each time the key is pressed. If you are using this kind of control, please perform “learn” operations for each function individually, one function to one RC-267M key.
- This remote control uses infrared rays. Most remote control codes can be memorized using the infrared system; however, depending on the degree to which the system differs, there are some rare occasions where memorization is not possible.

## Operating the remote control

1. Set the **USE/LEARN** selector switch to **USE**.



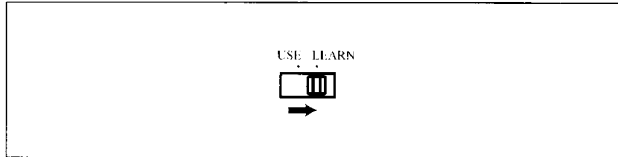
2. Set the **A/B/C (SUB ROOM)** selector switch to the desired position. Then operate the remote control by pressing the key of the functions you want to use.



- There is no power switch for the remote control, as power is supplied automatically when a button is pressed. If no button is pressed for a short interval, power goes off automatically, to avoid wasting the battery.
- If you press a button for which no code has been memorized, the **LEARNED/SENDING** indicator will not light up.
- Please check whether previously memorized functions are working properly. If the **SENDING** indicator is not illuminated when a programmed button is pressed, it may need to be relearned from your existing remote control.

## Changing commands

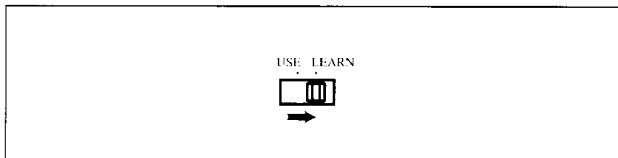
1. Set the **USE/LEARN** selector switch to **LEARN**.



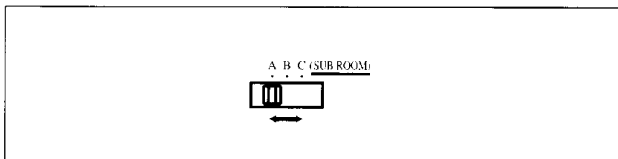
2. **Commands should be memorized using the method outlined in the section "Learning" new controller codes.**
- Entering new codes for certain keys does not affect the functions of the other memorized keys.

## How to reset the RC-267M (Clearing memorized commands)

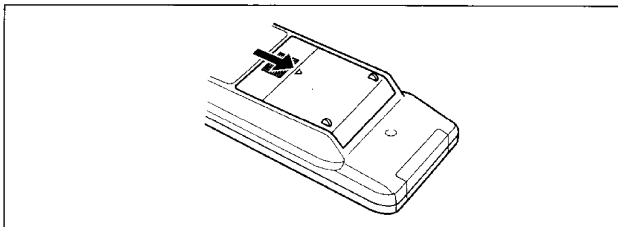
1. Set the **USE/LEARN** selector switch to **LEARN**.



2. Switch **A/B/C (SUB ROOM)** selector switch to **A** or **B** you want to reset.

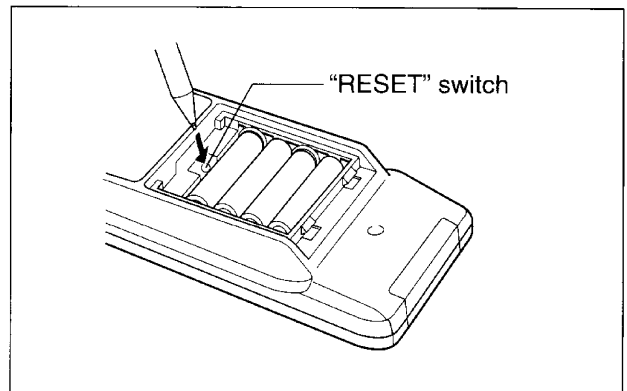


3. Remove the battery compartment cover.



4. Press the key you want to delete to light up **PRESS MATCHING KEYS** indicator.

5. Use the tip of a pointed instrument, such as a ball-point pen, to press the **Reset** switch (indicated by the **RESET** in the battery case), then release the switch when the **PRESS MATCHING KEYS** indicator goes out. The reset operation is completed.



6. Repeat step 4 to 5 to reset other keys if desired.
7. **Attach the battery compartment cover again.**
- If there are preset **ONKYO** codes, the preset codes will be recalled.

## Using the On-screen display function (This function is done entirely with the remote control)

The On-screen function can only be used with NTSC televisions; the function can not be used with PAL televisions.  
The On-screen function uses a monitor TV connected to the TX-SV919THX as a display, and is classified into two categories.

### The Immediate display

This is the indication shown when the Input Selector, the level of the Center/Surround/Front speakers or the Surround mode etc. is changed.  
The message will automatically disappear after 3 seconds. However, this does not apply when the unit is in the muting mode or the test tone is turned on.

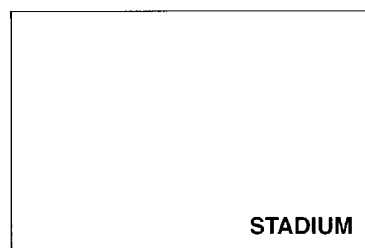
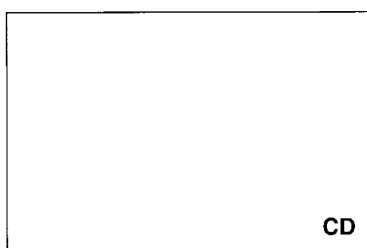
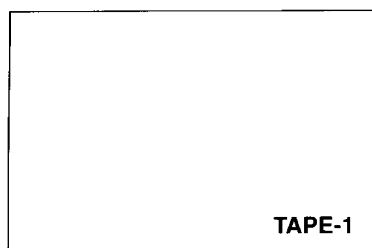
### The Menu screen

This is the display shown when the ENTER/ESCAPE on the remote control is pressed.  
The menu screen can be operated by means of cursor buttons on the remote control.

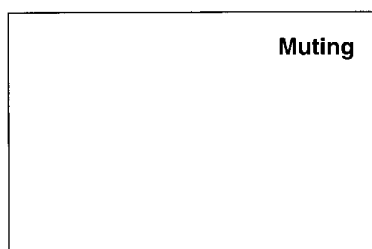
## Immediate display

The following items will be shown on the display during the operation of the TX-SV919THX main unit or remote control.

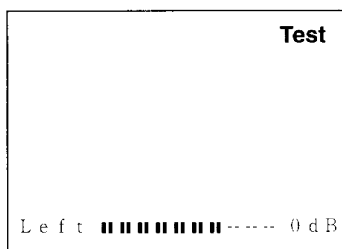
**When the power of TX-SV919THX is turned on.**      **When the Input selector is changed.**      **When the Surround mode is changed.**



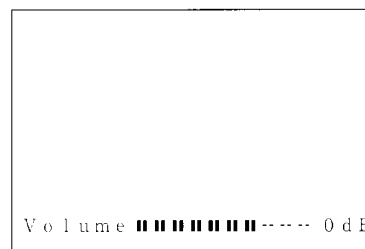
**When the AUDIO MUTING is pressed on the remote control.**



**When the TEST TONE is pressed on the remote control.**



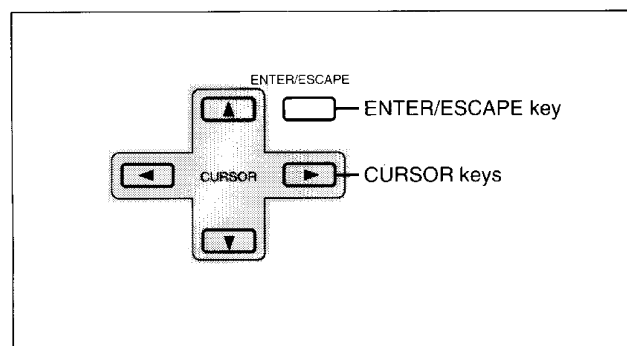
**When pressing the VOLUME +/- on the remote control.**



## Using the menu screen

This operation is performed using the remote control.

These keys are used to set the System Setup, the Input Selector, the Rec Selector, the Surround Setup, the Screen Setup and the External Decoder.



### ENTER/ESCAPE key

- Used to select the menu screen.

### CURSOR keys

- ▲▼: Used to move the cursor upward and downward on the screen.
- ◀▶: Used to move the cursor to the left and right on the screen, and to change the parameters or select the items on which the cursor is located.
- Holding down the button will change the parameter or move the cursor continuously.
- Cursor is black, white and etc. reversed characters on the screen.

On-screen displays video images in the background when a video source is playing, and displays text on top of your selected colour on screen when nothing is being played back.

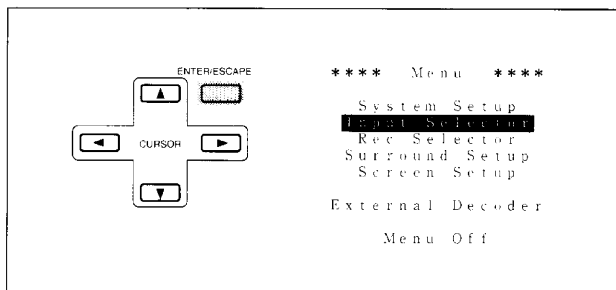
On-screen is output only to the MONITOR OUT-1, -2 terminals, not to the record terminal (out). Therefore, even if any On-screen is displayed on the monitor TV while recording, the On-screen display is not recorded.

Menu items on each screen differ according to the Surround mode etc. Pressing the ◀ or ▶ keys while the cursor is on some items may display a separate sub-screen.



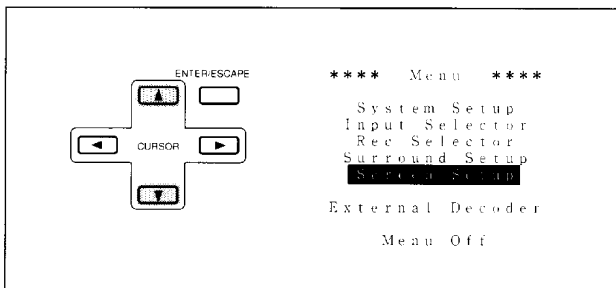
## Basic operation

### 1. Press the ENTER/ESCAPE key.

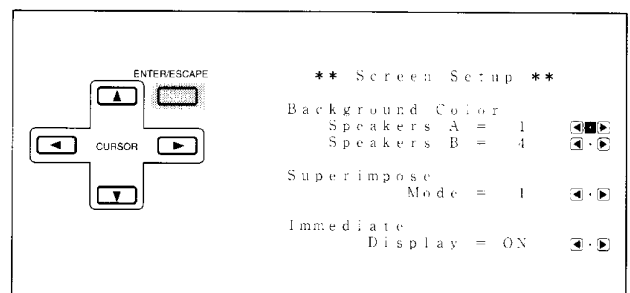


- When the Surround mode is set to BY-PASS, the System Setup can not be set.

### 2. Select the desired menu using the ▲ or ▼ CURSOR keys.



### 3. Press the ENTER/ESCAPE key again.



- Select the desired item using the ▲ or ▼ CURSOR keys and change the parameters and conditions of the items using the ◀ or ▶ CURSOR keys.
- Press the ENTER/ESCAPE key after all the desired conditions have been input.
  - The screen will display the main menu.
- Use the ▲ or ▼ CURSOR keys to select Menu Off. Press the ENTER/ESCAPE key again to turn the Menu screen off.
  - Repeat steps 2 - 5 in order to use the other functions.

## Screen Setup menu

When you select the Screen Setup menu, the following display appears on the On-screen display.

### Background color

You can select the background color among 8 colors. Select the number of the corresponding color from 1 to 8. The numbers correspond to the following numbers in the table.

1	2	3	4	5	6	7	8
Blue	Magenta	Red	Green	Cyan	White	Yellow	Black

You are able to set either speaker A or B at each color.

Please note that the above color descriptions are standard descriptions. The actual colors may differ depending on the tone and brightness adjustments of the projector or TV used.

When there is an image input signal, the input signal will be used for the background. Therefore the background color which you have selected will not be displayed.

The lettering shown by the On-screen display will be white.

### Superimpose Mode

It is possible to set the On-screen display so that it is easy to read when an image input signal is connected.

Mode 1: Normal

Mode 2: The image from the input signal is not displayed behind the lettering.

Mode 3: The image from the input signal is replaced with the background color.

### Immediate display

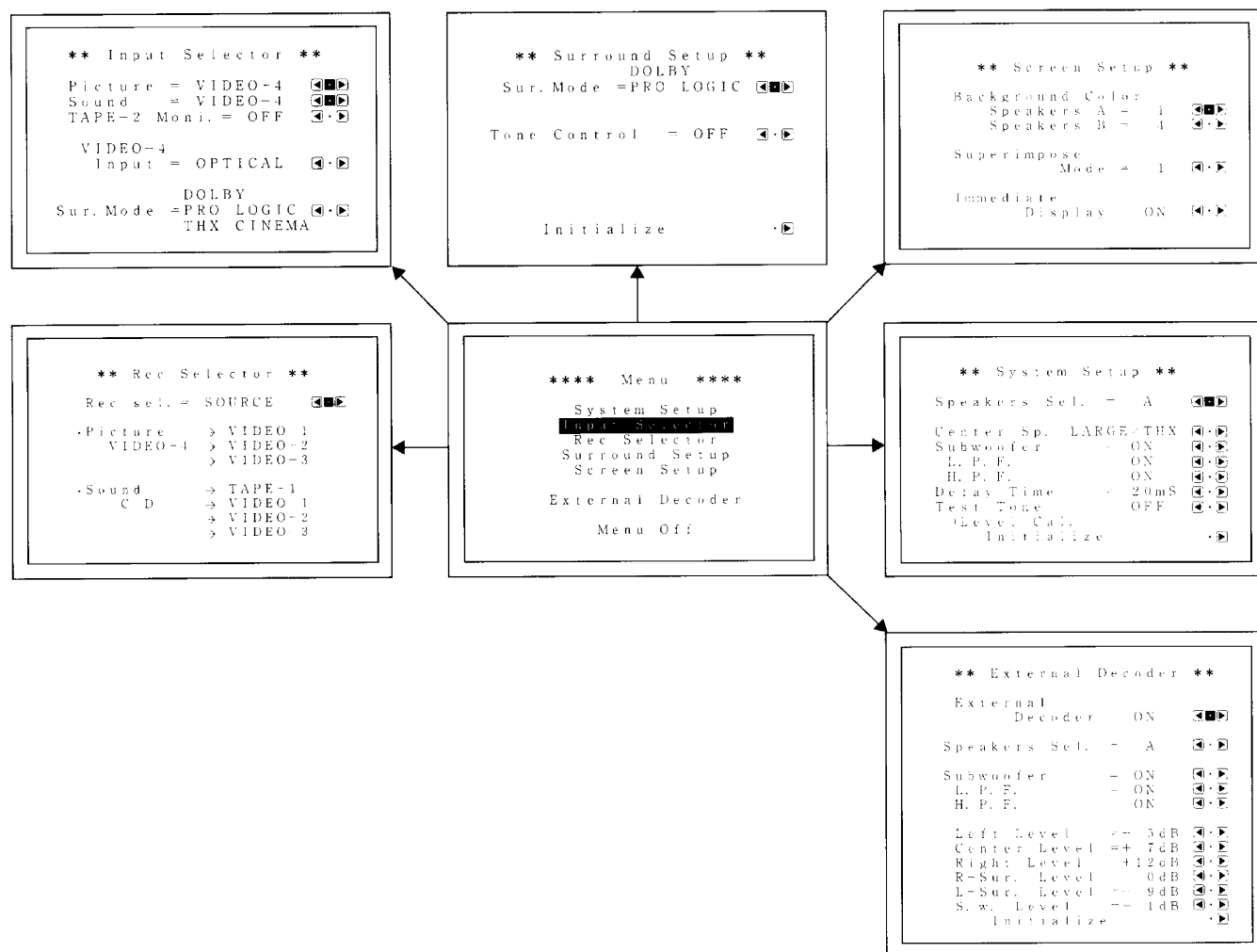
When Immediate display is set to ON, the Immediate display will be shown, and when it is set to OFF, the Immediate display will not be shown.

When Off is chosen, the selected background color will not be displayed. This can be useful when you don't want to display the message, or when you want to check the Auto/Manual tuning for TV/BS devices connected to the Image input.

## The screen changes as follows

Please refer to the page for details about each screen.

When an item is selected with the CURSOR keys ▲ or ▼ on the Surround Setup screen and the ◀ or ▶ CURSOR keys are pressed, another item may disappear, or in some cases the cursor may skip over some items.

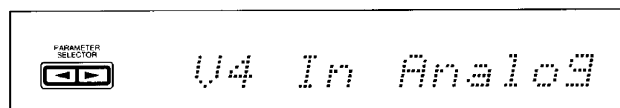


## Optical Input

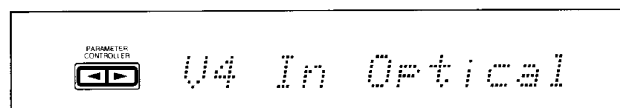
When VIDEO-4 is selected with the Input Selector, the Optical Digital Input can be chosen.

### When operating with main unit.

#### 1. Select the VIDEO-4 Input.



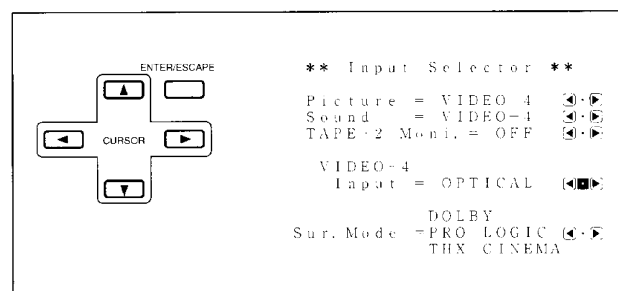
#### 2. Set the Optical mode.



- When the Optical mode is selected and an optical input is connected, the signal is assumed to be digital and "OPTICAL" is shown on the display.

### When operating the cursor on the screen using the remote control.

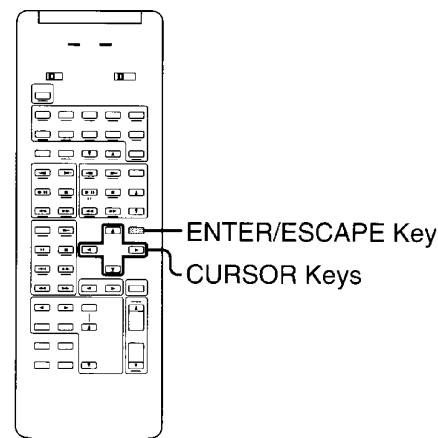
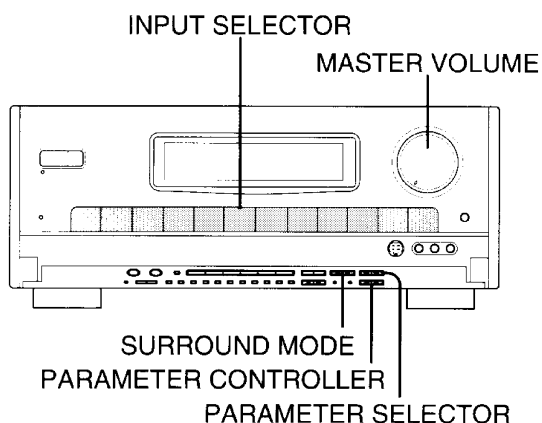
Call the "Input Selector" menu and set the OPTICAL mode.



#### NOTE:

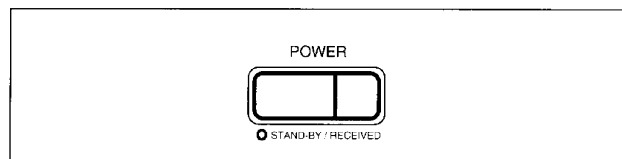
The TX-SV919THX normally plays back using a sampling frequency of 44.1 kHz for an Optical Digital Input. When the sampling frequency of a DAT player or other digital playback device is inputted at 48.0 kHz or 32.0 kHz, an Fs Error is shown on the display.

## Listening to your favorite source

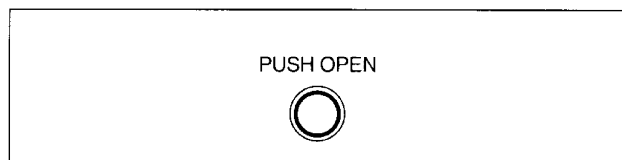


### Operating with the main unit

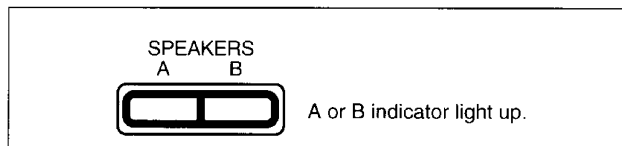
1. Press the POWER button to turn on the power.



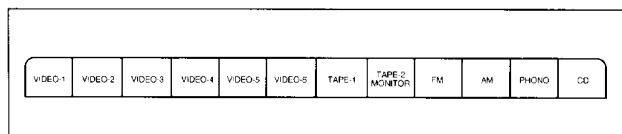
2. Press the PUSH OPEN button to open the door.



3. Press the A or B speaker selector button.

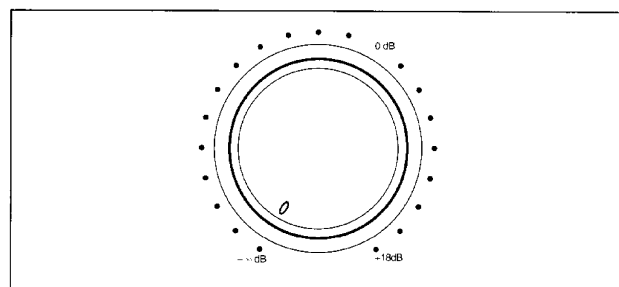


4. Press the desired Input Selector button.



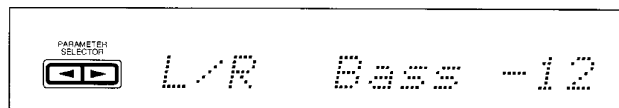
- Confirm that the TAPE-2 MONITOR indicator is off when a source other than the TAPE-2 MONITOR has been selected. Also check the audio muting is off.
  - Please refer to the operations from page 42 onward in order to play the selected source with Surround.
  - When External Decoder (with a 6 channel Audio input) is chosen with the Parameter Selector, the sound from the decoder is played.
5. Start the selected input source playing.
    - Follow the operating instruction of that unit.
    - If FM or AM is selected, please refer to the section "Using the tuner."

6. Adjust the volume to appropriate level using the MASTER VOLUME knob.

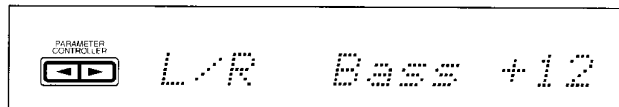


- When the Volume knob is turned, the volume level is shown on the display for 3 seconds.

7. Select the tone control using the ◀ or ▶ button of the PARAMETER SELECTOR to select the parameter you want to adjust.



8. Adjust the tone control to appropriate level using ◀ or ▶ button of the PARAMETER CONTROLLER to set the desired value.

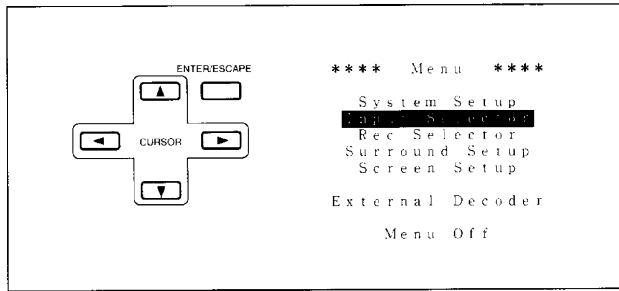


#### NOTES:

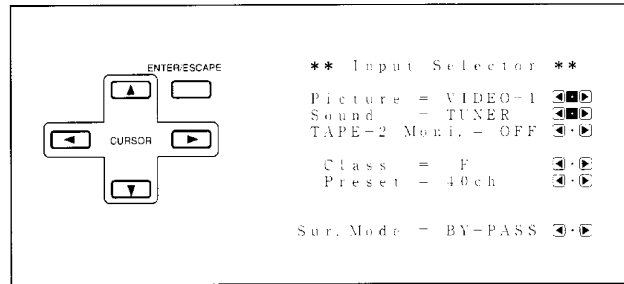
- TREBLE and BASS are effective for the Left, Right and CENTER of the speakers. The best effect from Dolby Pro Logic Surround can be obtained when equal setting are used for the sound from the Left/Right speakers and the sound from the Center speaker for the middle and treble ranges. The Surround mode can not be used when THX CINEMA is selected.
- When High Pass Filter is turned on, there are very little Bass effects.

## When operating with the cursor on the screen using the remote control

1. Press the ENTER/ESCAPE key.



2. Move the cursor to Input Selector and press the ENTER/ESCAPE key.



### Picture

Indicates the input source of the picture. To change the input source, press the ◀ or ▶ CURSOR keys while the cursor is located on Picture.

### Sound

Indicates the input source of the sound. To change the input source, press the ◀ or ▶ CURSOR keys while the cursor is located on Sound.

When you press the ◀ or ▶ CURSOR keys while the cursors are on both Picture and Sound, you can change the input source of the Picture and Sound at the same time. However if you select other than VIDEO-1 to 6 for the input source, the image will be fixed to the most recently selected video source so that only the sound changes.

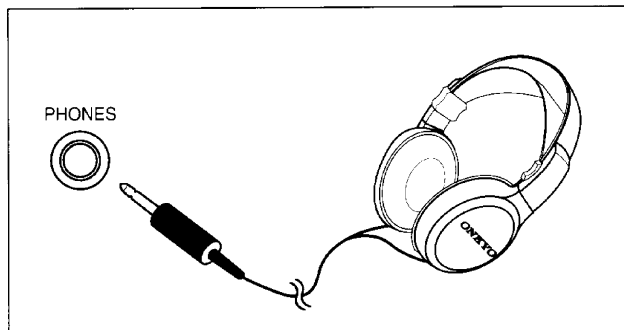
### TAPE-2 moni.

Indicates TAPE-2 MONITOR ON/OFF. When you press the ◀ or ▶ CURSOR keys while the cursor is located on TAPE-2, the monitoring will be switched to ON/OFF.

### Sur. Mode

Each input source can have a different Surround mode assigned to it, so the Surround mode position will be automatically set according to which input source of sound you choose. The current Surround mode will be shown on screen. Therefore each time you change the input source of the sound, the display will also be changed. To change the Surround mode assigned to the current input source, press the ◀ or ▶ CURSOR keys while the cursor is located at Surround Mode. See page 42 for further details regarding the Surround mode.

## Using headphones

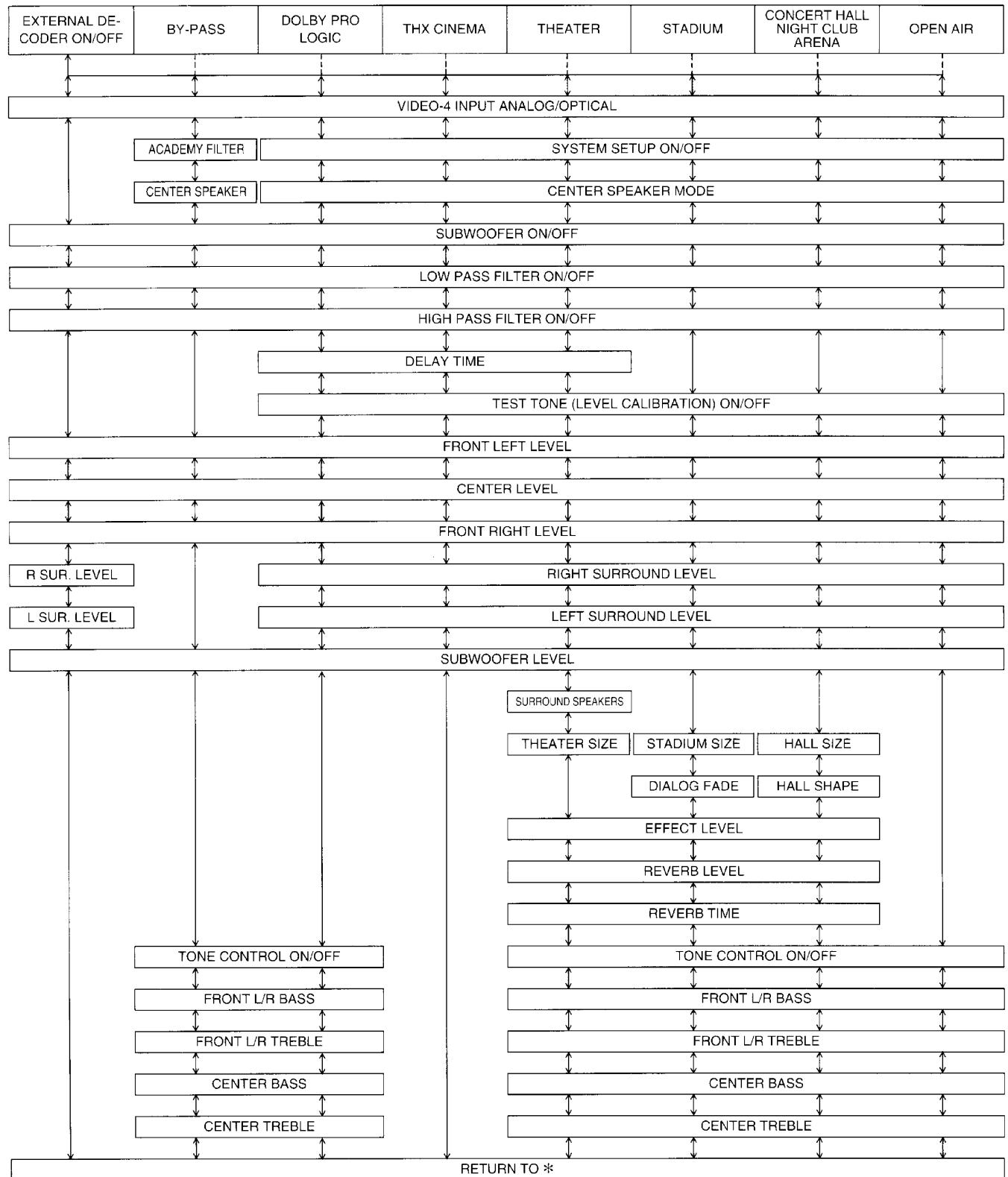


Stereo headphones with a standard binaural (stereo) plug can be connected to the phones jack. The sound heard through the headphones is the sound from the Front speakers, but may sound a little different to what was heard from the speakers (it may sound relatively far away).

## The parameter selector

This chart shows how the display changes when the PARAMETER SELECTOR buttons are pressed. Pressing the ◀ PARAMETER SELECTOR button goes to the upper items and pressing the ▶ button goes to the lower items. Pressing the PARAMETER CONTROLLER button in each display can change the value and condition of which ever parameter is displayed.

\*



### NOTE:

Some of the parameters may be skipped depending on the parameter settings.

For example, there is no CENTER LEVEL parameter when the CENTER SPEAKER mode is turned off. For THX CINEMA, DOLBY PRO LOGIC and THEATER modes, there are no modes between CENTER SPEAKER parameter and DELAY TIME parameter when SYSTEM SETUP is OFF.

## Explanation

### Power button (POWER) and STAND-BY/RECEIVED indicator

The STAND-BY/RECEIVED indicator comes on when the AC power cord for this unit has been plugged into the AC wall outlet. This indicates that the TX-SV919THX is standing by for operation. Pressing the POWER button or remote control POWER key will turn the main unit on, and power will be supplied from the AC outlet to the rear panel. This indicator then goes off. The indicator also lights when a signal is received from the remote control.

### Speaker selector buttons (SPEAKERS A/B) and indicators

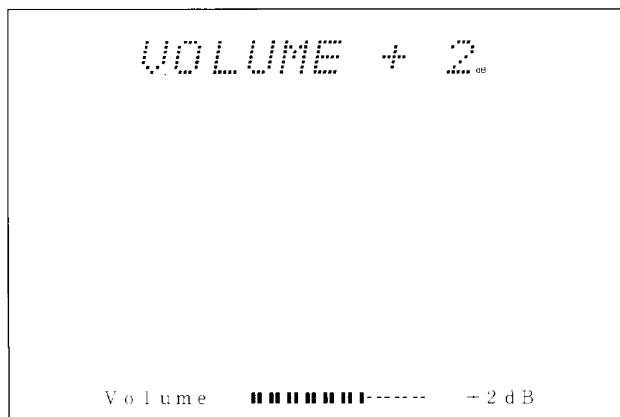
You can operate the Speaker selector. When A or B is on, the A or B SPEAKER indicators will light.

- A and B can not be turned on at the same time.

### Master volume control knob (MASTER VOLUME)

Use the master volume control knob to adjust the volume of the Front Left and Right, Center and Surround Left and Right speakers and the pre out levels (not including the multi source pre out level) at the same time. Turn clockwise to increase the volume level. The volume can be adjusted manually and by the remote control's VOLUME +/- keys.

The Master Volume level can be set from  $-\infty$ dB(minimum),  $-60$ .... $-1$ ,  $0$ ,  $+1$ .... $+18$ dB(maximum) and the level is shown on the display.



#### NOTE:

Depending on the channel level setting, it may be impossible to set the Master Volume level to  $+18$ dB. Even if the Master Volume knob is manually turned to its maximum, it will return to its highest possible setting.

### Dimmer button (DIMMER)

This button can be used to change the brightness of the display. The display brightness changes in four steps (bright, medium, dim and off). If the display is turned off and a function is set, the display will turn off after being lit for a few seconds.

### Audio muting key (AUDIO MUTING) (Remote control only)

This key temporarily switches off the sound from the speakers, pre out or headphones by operating the TX-SV919THX audio muting circuits. The audio muting indicator MUTING will flash. Pressing the button again or using the POWER button to turn the power on will turn off the audio muting.

Audio muting using this key does not affect the sound of the multi source.

### Sleep key (SLEEP) (Remote control only)

Press to set the power-off timer. The sleep timer is a function which turns off the power to the system after a certain period from the time it is set. When this key is pressed, "90 MIN" is displayed for 5 seconds, and the power will go off 90 minutes later. Each time the button is pressed during 5 seconds, the timer setting changes by 10 minutes e.g. 80, 70, 60 ... While the sleep button is pressed during this time, the amount of time remaining on the timer is displayed, and if the key is pressed during that display, 10 minutes will be subtracted from that time.

If the key is pressed when the panel display shows 10 minutes or less, the sleep timer is canceled, and the power is not turned off.

### Stereo/Mono button (STEREO/MONO)

This button can only be used when the Surround mode is set to BY-PASS.

When the audio source is monaural (for example, when listening to an old movie or a voice on the TV) and the TX-SV919THX is set to MONO, the left and right signal is played from the center speaker. When the center speaker is not being used and the CENTER SPEAKER mode is set to NONE, the combined sound of the left and right signal will come from the left and right speakers.

### Academy filter

This function is only valid when the Surround mode is set to BY-PASS and the STEREO/MONO button is set to MONO. When the treble sounds in a monaural movie are extremely loud compared to the other ranges, this special feature will make the necessary compensations.

### Subwoofer

This function is used to create a powerful super bass. The TX-SV919THX is equipped with a pre out terminal especially for attaching a subwoofer. Use either a main amp provided with a subwoofer or a main amp and a subwoofer speaker.

### High Pass Filter (H.P.F.) / Low Pass Filter (L.P.F.)

Use this function when a frequency outside the frequency response range is sent to the front left, center and right speakers and the subwoofer speaker.

### Channel Level

After installing the speakers, balance the level of each channel by calibrating the level with the test tone with the Surround mode set at any mode other than BY-PASS. It is also possible to set speakers A and B separately.

When the Surround mode is set to THX CINEMA, DOLBY PRO LOGIC or THEATER, the level can only be adjusted when the test tone is on. Refer to System Setup on page 31 for more information on level calibration using the test tone.

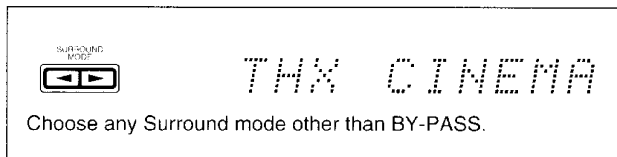
The level can be adjusted even if the test tone is turned off when the Surround mode is set to STADIUM, CONCERT HALL, NIGHT CLUB, ARENA or OPEN AIR. Also, when either the External Decoder is turned on or the Surround mode is set to BY-PASS, the channels can be set separately. (Please refer to page 33 for instructions on adjusting the channel level when the test tone is turned off.)

# System setup (when Surround is set to any mode other than BY-PASS)

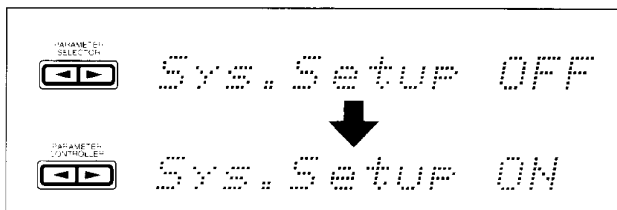
## Using the PARAMETER SELECTOR and PARAMETER CONTROLLER

When the Surround mode is set to any mode other than BY-PASS, if you choose System setup with the Parameter Selector button and turn it on, you will be able to set the CENTER SPEAKER MODE, SUBWOOFER ON/OFF, LOW PASS FILTER ON/OFF, HIGH PASS FILTER ON/OFF, TEST TONE ON/OFF, each channel's LEVEL and the DELAY TIME. All of the Surround Mode settings are the same and it will not be necessary to change these settings until the speaker settings are changed.

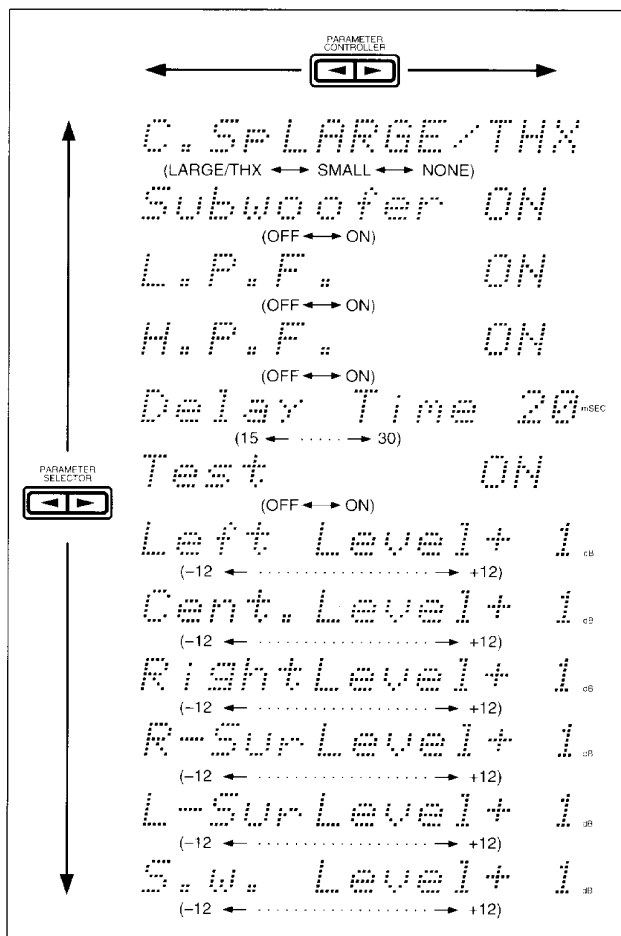
### 1. Select the desired surround mode.



### 2. Turn on System Setup.



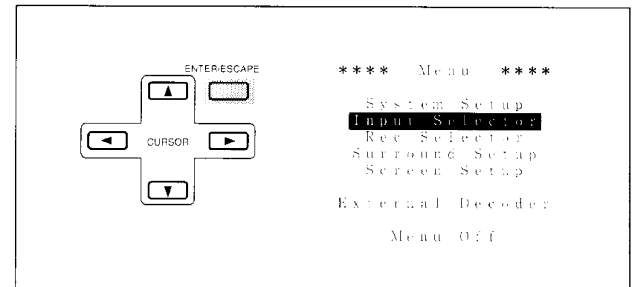
### 3. Set the either parameter.



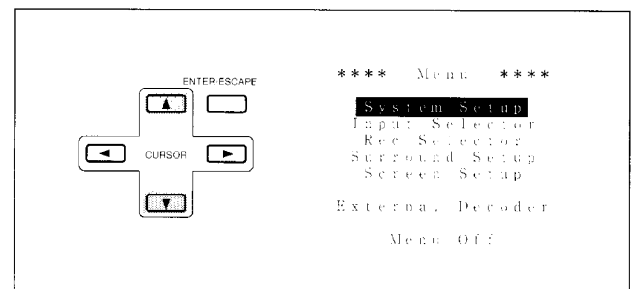
## Operating with the cursor on the screen using the remote control

### 1. Choose the System Setup screen.

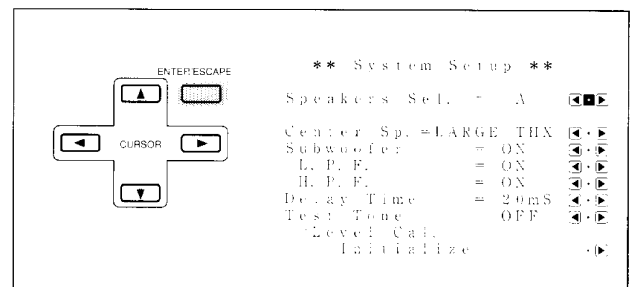
#### 1. Press the ENTER/ESCAPE key.



#### 2. Move the cursor to System Setup using the ▲ or ▼ CURSOR Keys.

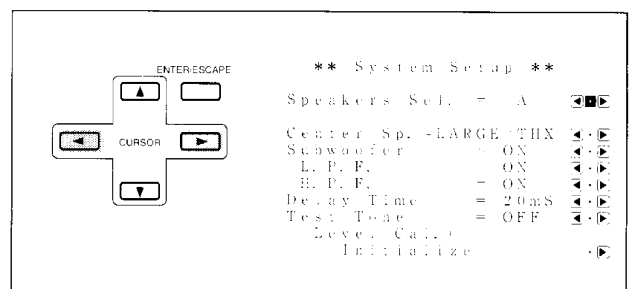


### 3. Press the ENTER/ESCAPE Key.



## 2. Speakers system A, B or OFF

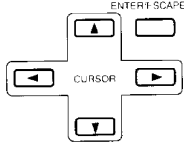
### 1. Move the cursor to Speakers Sel. and press the ◀ and ▶ CURSOR key.



### 3. Center Speaker Mode (See page 8.)

Choose LARGE/THX, SMALL or NONE depending on the size of the center speaker and whether there is one or not.

Move the cursor to Center Sp and press the ◀ and ▶ CURSOR keys.



**\*\* System Setup \*\***

Speakers Sel. A ◀▶

Center Sp. LARGE THX ◀▶

Subwoofer ON ◀▶

L.P.F. ON ◀▶

H.P.F. ON ◀▶

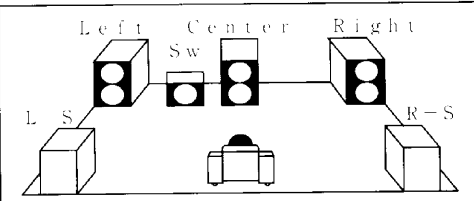
Delay Time 20ms ◀▶

Test Tone OFF ◀▶

Level Cal. Initialize ▶

Move the cursor  
◀ or ▶ key

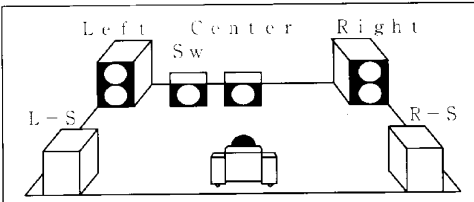
**In LARGE/THX mode:**



Center Sp. = LARGE/THX ◀▶

Subwoofer = ON ◀▶

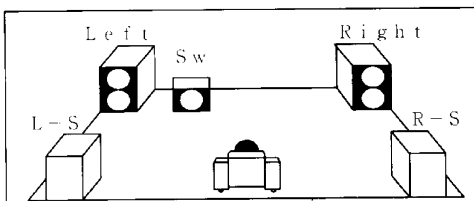
**In SMALL mode:**



Center Sp. = SMALL ◀▶

Subwoofer = ON ◀▶

**In NONE mode:**



Center Sp. = NONE ◀▶

Subwoofer = ON ◀▶

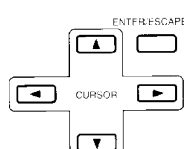
After adjusting the settings, press the cursor ▼ key or the ENTER/ESCAPE key.

### 4. Subwoofer (See page 8.)

Choose ON or OFF depending on whether a Subwoofer is being used.

Select OFF if a subwoofer is not being used.

Move the cursor to Subwoofer and press the ◀ and ▶ CURSOR keys.



**\*\* System Setup \*\***

Speakers Sel. A ◀▶

Center Sp. LARGE THX ◀▶

Subwoofer ON ◀▶

L.P.F. ON ◀▶

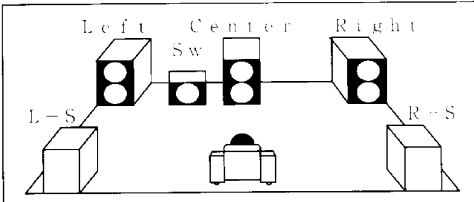
H.P.F. ON ◀▶

Delay Time 20ms ◀▶

Test Tone OFF ◀▶

Level Cal. Initialize ▶

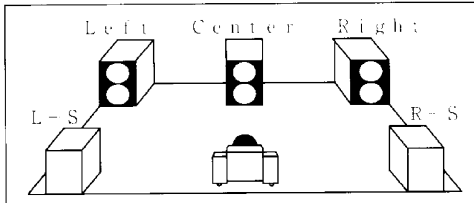
In Subwoofer ON mode:



Center Sp. = LARGE/THX ◀▶

Subwoofer = ON ◀▶

**In Subwoofer OFF mode:**

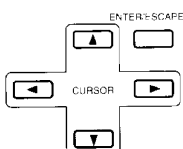


Center Sp. = LARGE/THX ◀▶

Subwoofer = OFF ◀▶

### 5. Low/High Pass Filter

Move the cursor to L.P.F. or H.P.F. and press the ◀ or ▶ CURSOR keys.



**\*\* System Setup \*\***

Speakers Sel. A ◀▶

Center Sp. = LARGE THX ◀▶

Subwoofer = ON ◀▶

L.P.F. ON ◀▶

H.P.F. ON ◀▶

Delay Time 20ms ◀▶

Test Tone OFF ◀▶

Level Cal. Initialize ▶

If a Subwoofer is being used, turn on both H.P.F. and L.P.F. If the front left, center and right speakers are the full range type turn off the H.P.F. in order to further increase the bass output.

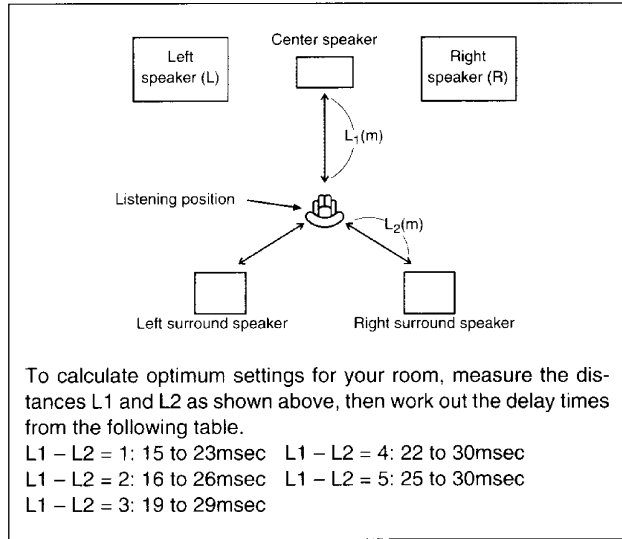


## 6. Delay Time

### (Surround mode: DOLBY PRO LOGIC, THX CINEMA, THEATER)

By adjusting the delay time, the apparent front-to-surround channel leakage can be reduced. Adjustable delay time allows you to tailor the acoustic size of your listening environment.

The delay time is specified at 20 msec. It is recommended that initial delay be set at 20 msec, but adjustment from 15 to 30 msec is possible.



#### When operating with the main unit

##### 1. Use the ◀ and ▶ PARAMETER SELECTOR buttons to select Delay Time.

- The current set value, Delay Time 20 msec for example, is shown for a few seconds on the display.

##### 2. Use the ◀ and ▶ PARAMETER CONTROLLER buttons to adjust the delay time.

- 15 ↔ 16 ↔ ..... ↔ 29 ↔ 30 msec

#### When using the cursor on the screen

Select Delay Time on the Surround Setup screen and make an adjustment with the ◀ or ▶ CURSOR keys.

#### When operating with the DELAY TIME key the remote control

The value is increased each time the DELAY TIME key is pushed.

→ 15 → 16 → ..... → 29 → 30 msec

## 7. Test Tone (Level Calibration) (Except when the Surround mode is set to BY-PASS)

### The Test Tone function

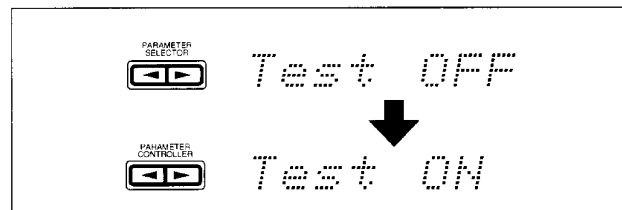
It is important to adjust the level of each channel in order to remain faithful to the film director's intentions. When this mode is turned on, calibrate the absolute sound level of each channel using the test tone.

To calibrate the sound level, measure the channel level with a sound level meter (not included), in slow reading mode and C weighting, from your listening position and set the level to 75dB SPL.

When the Test Tone is on, the master volume automatically sets itself to the reference position. However, when the Test Tone is turned off, the master volume automatically returns to its previous position.

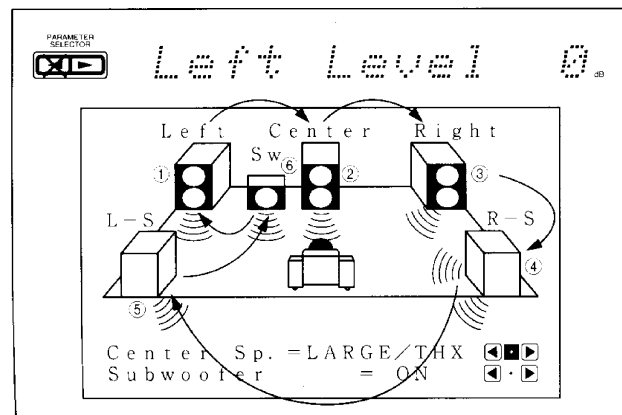
#### Operating the test tone using the main unit

##### 1. Select the test tone mode.

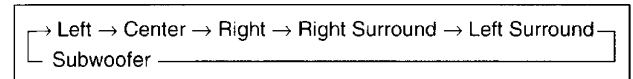


##### 2. Adjust the level.

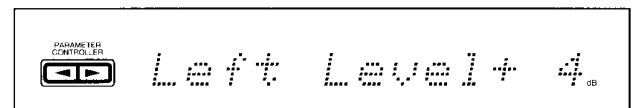
When the Test Tone is turned on, the master volume is set to 0dB and the Left Level is displayed.



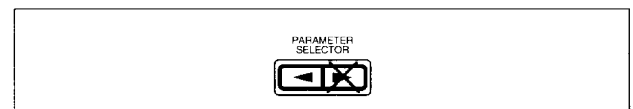
- The channel will change each time the PARAMETER SELECTOR ▶ button is pressed.



##### 1. Adjust the level.



- The adjustment can be made from -12dB(minimum) to +12dB(maximum) by 1 dB step.
- Turn off the test tone.

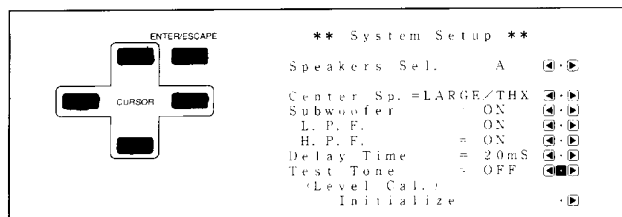


If the Parameter Selector ◀ button is pressed, the test tone will turn off no matter which channel is selected.

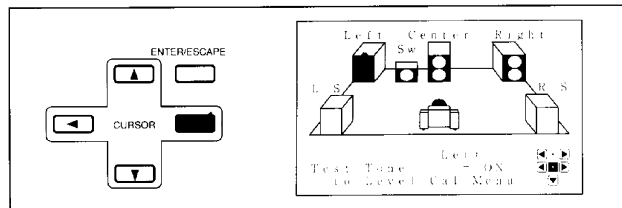
While making the adjustments, the test tone will automatically turn itself off if an adjustment is not made within 2 minutes.

## Operating the test tone using the cursor on the screen

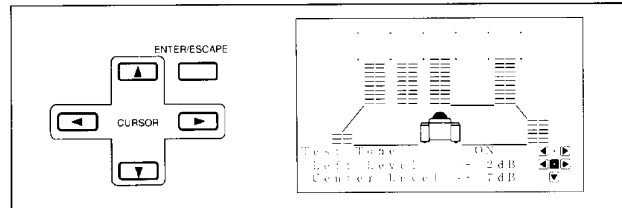
1. Move the cursor to Test Tone and change the parameters (ON) of the items using the ▲/▼ CURSOR keys.



- When the ▲ CURSOR key is pressed, the speaker whose level will be adjusted, can be chosen with the ◀ or ▶ CURSOR keys.



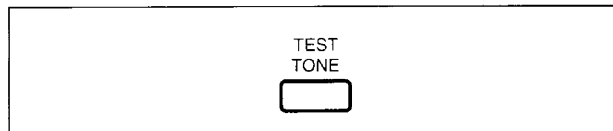
2. Press the ▼ CURSOR key to display the Level Cal. Menu and the level of each channel will be displayed. Move the cursor to the level to be adjusted and change the settings with the ◀ or ▶ CURSOR keys. Press the ▼ CURSOR key to adjust the next level.



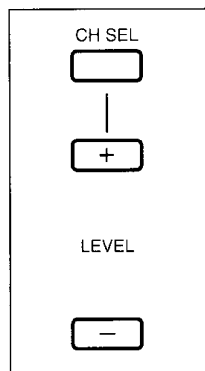
- To turn off the test tone, press the ▲ CURSOR key, then the ◀ CURSOR key.

## Operating the test tone using the TEST TONE key on the remote control

1. Press the TEST TONE key on the remote control.



2. Adjust the level.



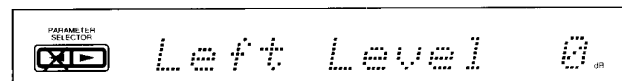
After turning on the Test Tone with the TEST TONE key on the remote control and choosing a channel with the CH.SEL key, set the level with the + and - LEVEL keys.

## 8. Calibrating the channel level (with the Test Tone turned OFF)

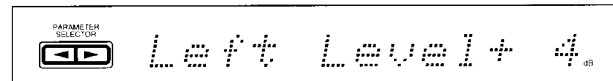
When a Surround mode other than DOLBY PRO LOGIC, THX CINEMA or THEATER is chosen.  
(Use the Test Tone when calibrating the channel level in the DOLBY PRO LOGIC, THX CINEMA and THEATER Surround modes.)

### When operating with the main unit.

1. Select the channel



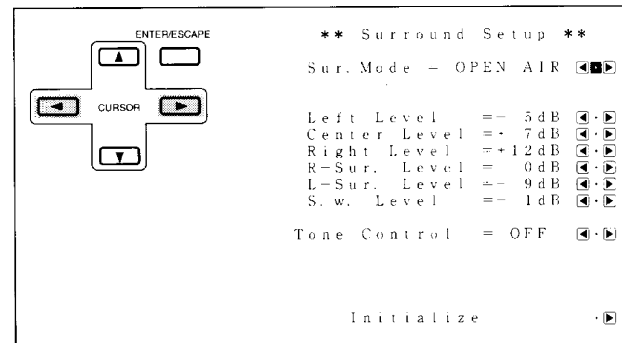
2. Adjust the Level.



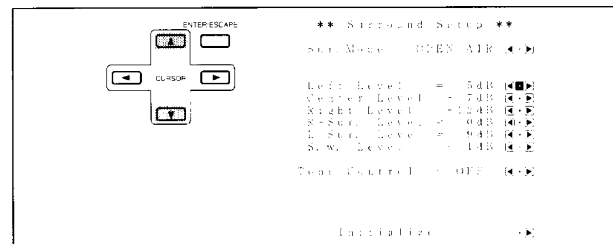
### When operating with the cursor on the screen using the remote control

1. Choose Surround Setup from the Menu.

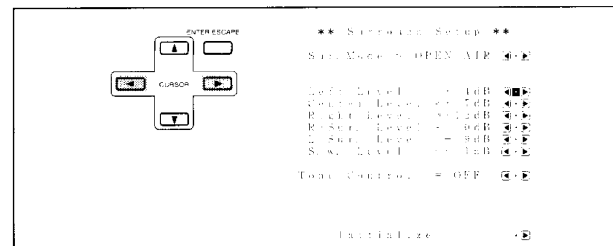
2. Select a Surround mode.



3. Move the cursor to each channel.

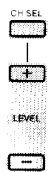


4. Adjust the level.



When operating with the LEVEL keys using the remote control  
(When a Surround mode other than DOLBY PRO LOGIC, THX CINEMA or THEATER is chosen)

**1. Press the CH SEL key.**



Left Level + 0

The currently selected channel and level is shown on the display for 5 seconds.

**2. Adjust the level using the LEVEL + or - keys while the channel and level is displayed.**

Each time the CH SEL key is pressed, the channel will change in the following way:

→ Left → Center → Right → Right Surround → Left Surround  
Subwoofer.

Adjust the level of each channel.

**NOTE:**

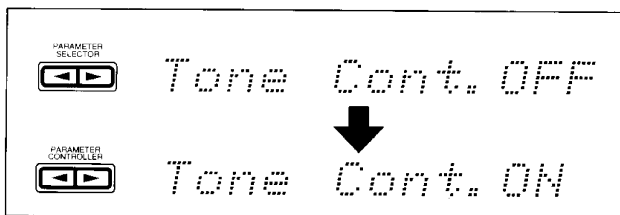
The channel levels are not calibrated when setting the Surround mode or Center speaker mode.

## 9. Tone control

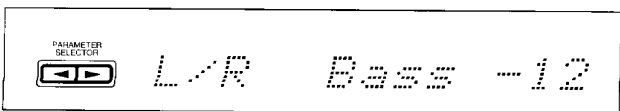
If the Tone Control is turned on using the Parameter Selector or the cursor on the screen, the Bass and Treble of the Front Left, Center and Right channels can be adjusted. (This mode can not be used when the Surround mode is set to THX CINEMA.)

### Operating the tone control using the main unit

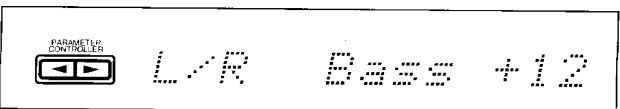
**1. Select the Tone Control ON/OFF.**



**2. Select the Center Bass, Center Treble, L/R Bass or L/R Treble.**



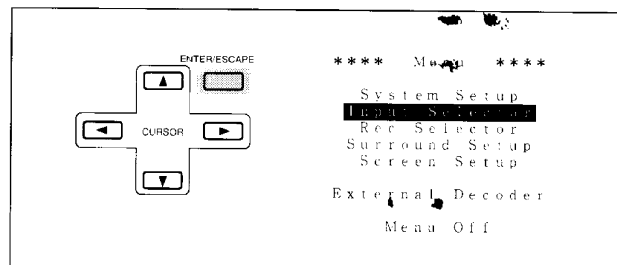
**3. Adjust the level.**



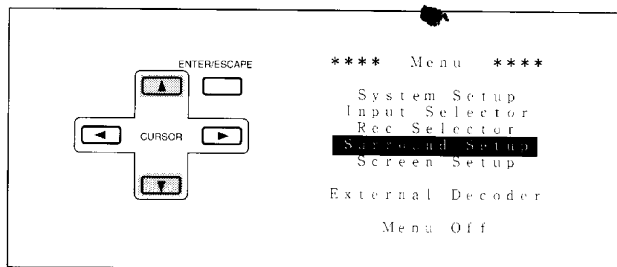
- When High Pass Filter is turned on, there are very little Bass effects.

### Operating the tone control using the cursor on the screen

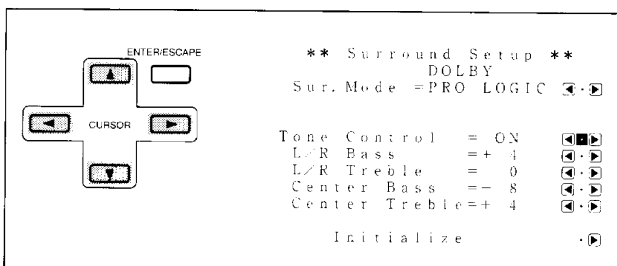
**1. Call the menu screen by pressing ENTER/ESCAPE key.**



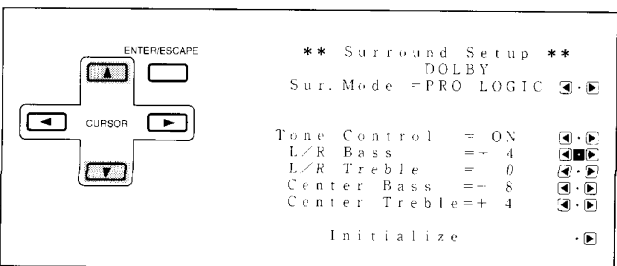
**2. Move the CURSOR to Surround Setup and press the ENTER/ESCAPE key.**



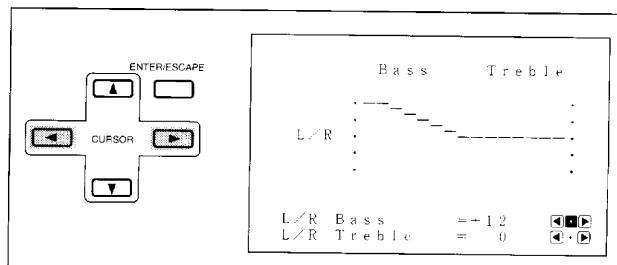
**3. Move the CURSOR to Tone Control and change the parameters (ON) of the items using the ◀ or ▶ CURSOR keys.**



**4. Move the CURSOR to L/R Bass or L/R Treble, Center Bass, Center Treble.**



**5. Press the ◀ or ▶ CURSOR keys to adjust Level.**



**6. Pressing the ENTER/ESCAPE key will give you the initial menu screen.**

## 10.Initialize

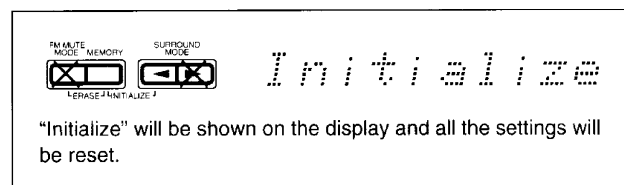
Use the Initialize feature to reset the settings to their initial values adjusted using the Parameter Selector and Parameter Controller or the cursor on the screen.

### 10-1.Initialize of Surround Setup

**When operating with the main unit**

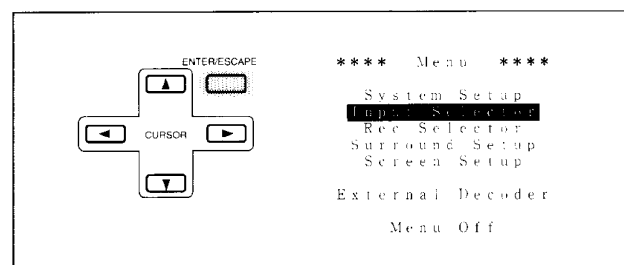
Select the Surround mode you want to initialize.

Press SURROUND MODE ◀ button while holding down the MEMORY button.

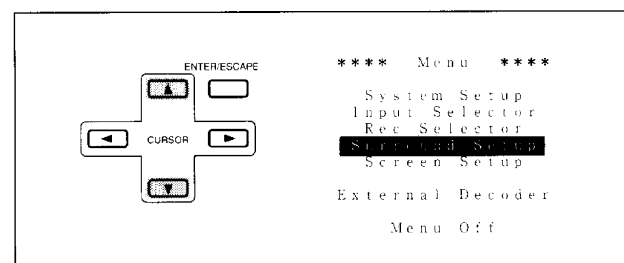


**When operating with the CURSOR on the screen**

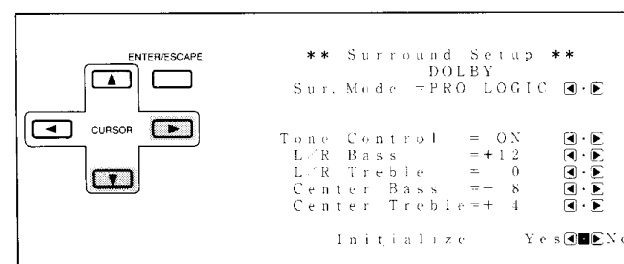
1. Call the menu screen by pressing ENTER/ESCAPE key.



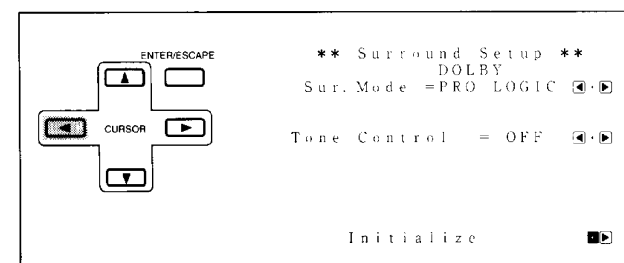
2. Move the CURSOR to Surround Setup and press the ENTER/ESCAPE key.



3. Move the CURSOR to Initialize and press the ► cursor key.



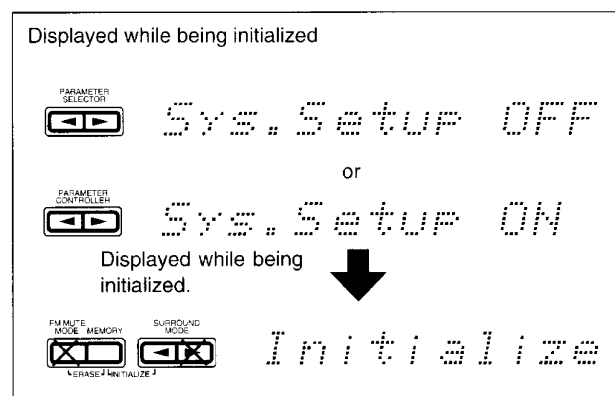
4. Pressing the ◀ cursor key resets the settings.



### 10-2.Initialize of System Setup

**When operating with the main unit.**

Choose a System Setup other than BY-PASS.



**When operating with the CURSOR on the screen**

1. Call the menu screen by pressing ENTER/ESCAPE key.

2. Move the CURSOR to System Setup and press the ENTER/ESCAPE key.

3. Move the CURSOR to Initialize and press the ► cursor key.

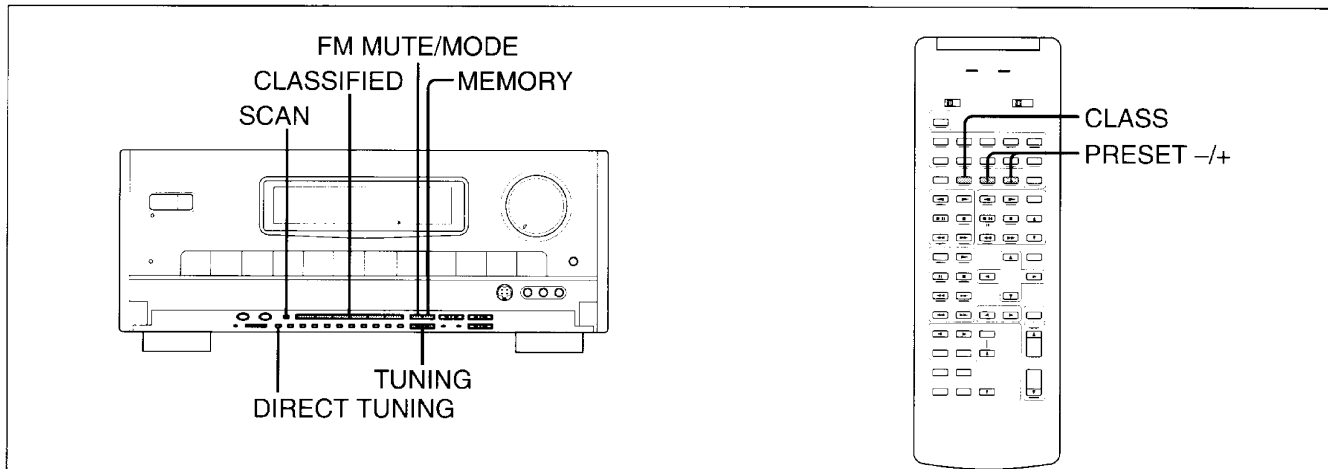
4. Pressing the ◀ cursor key resets the settings.

**Initial value**

Parameter Selector or On-Screen	Initial Value
External Deoder	OFF
VIDEO-4 Input	Analog
Academy Mode (Mono)	OFF
Center Speaker (Mono)	ON
System Setup	OFF
Center Speaker Mode	LARGE/THX
Subwoofer	ON
Low Pass Filter	ON
High Pass Filter	ON
Test Tone	OFF
Left Level	0 dB
Center Level	0 dB
Right Level	0 dB
Right Surround Level	0 dB
Left Surround Level	0 dB
Subwoofer Level	0 dB
Delay Time	20 mSEC
Surround Speakers	1.0
Theater Size	1.0
Stadium Size	1.0
Dialog Fade	OFF
Hall Size	1.0
Hall Shape	1.0
Effect Level	1.0
Reverb Level	1.0
Reverb Time	1.0
Tone Control	OFF
Left/Right Bass	0
Left/Right Treble	0
Center Bass	0
Center Treble	0

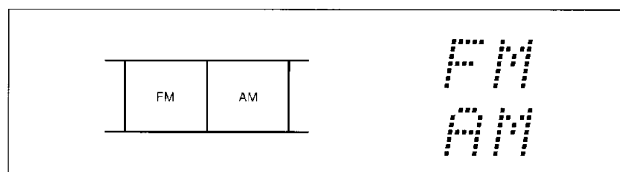
## Using the tuner

Please make sure that the TAPE-2 MONITOR indicator is off and audio muting is off.

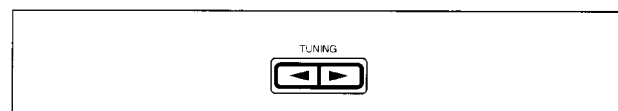


### Tuning with the TUNING buttons

1. Press either the AM or FM Input Selector button.



2. Press one of the TUNING selector buttons.

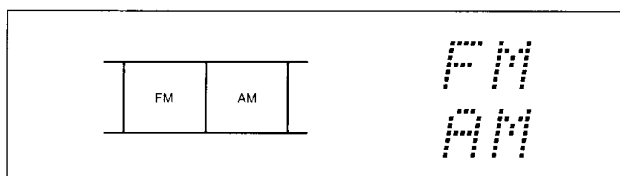


- When you press the ◀ or ▶ button, the frequency decreases or increases. The frequency is changed in 50kHz steps in FM and 10 kHz (or 9 kHz) in AM when the tuning selector button is pressed in single steps.
- If this button is held continuously for more than 0.5 seconds, the auto tuning mode is entered and the frequencies are scanned automatically. When a broadcast is received, scanning stops.

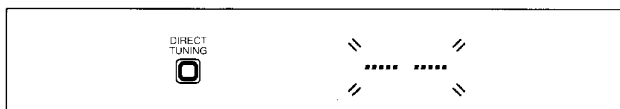
### Tuning using the DIRECT TUNING button

1. Press either the AM or FM Input Selector button.

- If the frequency for the desired station is known, you can input the frequency number directly.

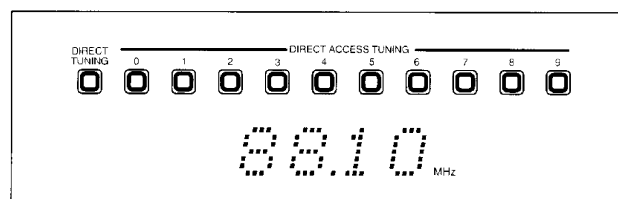


2. Press the DIRECT TUNING button.



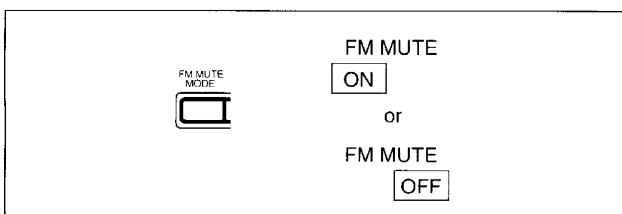
3. Input the desired frequency number by using the Number buttons while the cursors are flashing.

- For instance, if you wish to receive the station at 88.10MHz



- When receiving AM broadcasts with a 9kHz step (this depends on your region), you can enter the frequency directly. With 10kHz steps, entering a number for the 10kHz digit will set the 1kHz digit automatically to 0.
- If the desired frequency set in this operation does not exist, the frequency which is the nearest to, and lower than the desired frequency will be received. If the frequency set is not in the receivable frequency range, the frequency flashes for two seconds, and the previous frequency will be displayed.
- If a wrong frequency has been set, press the DIRECT TUNING button and start again.

### Using the FM MUTE/MODE button



To listen to FM stereo broadcasts, turn the FM MUTE on. The ON indicator will light up. When a stereo broadcast is received, the STEREO indicator will light up.

When the broadcast is too weak to be received in stereo, turn the FM MUTE off. The OFF indicator will light up. In the off setting, even weak stations can be received.

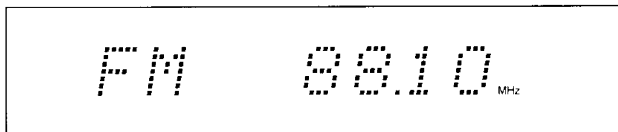
When the STEREO/MONO mode is set to MONO, the sound from the speakers will be in mono even if the FM STEREO indicator is lit.

## Classified memory function

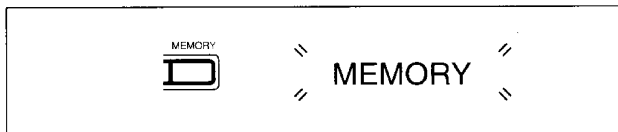
A total of 40 stations can be memorized in classes, from A to F. It is possible to memorize the same station in more than one class.

### How to store FM 88.10 MHz into the memory in class B

1. Tune to 88.10 MHz on the FM band. (See section on "Using the tuner". Page 37)

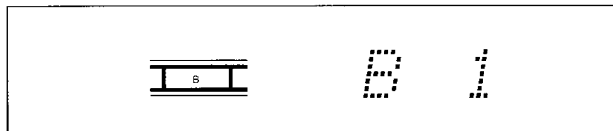


2. Press the MEMORY button.



3. Press the B button.

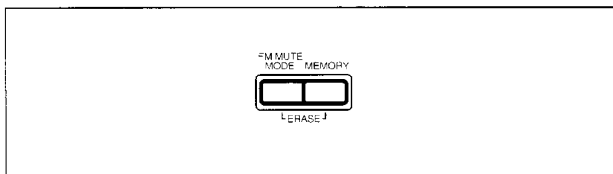
- The station is memorized in the B class with the memory number which is the smallest of the unoccupied numbers in the class.
- If an attempt is made to memorize more than 40 stations, "FULL" will be displayed indicating that no more stations can be memorized.



There are times when frequencies are left in the machines memory from the final testing done prior to shipment. If this is the case with your TX-SV919THX, cancel any unnecessary preset stations according to "Canceling memorized stations" then memorize your own desired frequencies.

## Canceling memorized stations

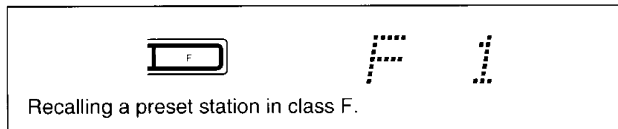
1. Retrieve the class number you wish to cancel. (See "Retrieving memorized stations").
2. Press the FM MUTE/MODE button while holding down the MEMORY button.
  - Another station can be memorized with the memory number which has been cancelled.



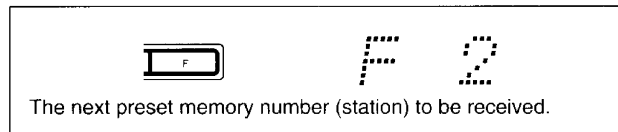
## Retrieving memorized stations

When operating with the main unit or remote control

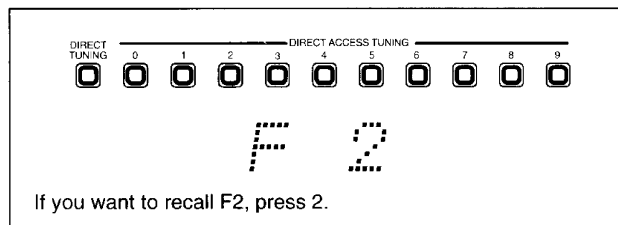
1. Press the Classified memory button for the desired class.



- There are several methods to proceed after the above operations are carried out. Use any of the following methods.
- a. Press the same Classified memory button again. This will select the next preset station in that class.

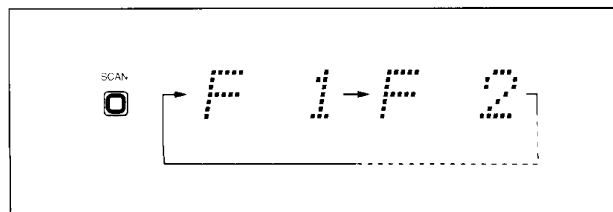


- b. Input the memory number you wish to receive by using the number buttons.
  - Input two digits, immediately one after the other.
  - If the number is not between 1 and 40, or does not have a memorized station, the number will flash for 2 seconds, then the previous number will be displayed.

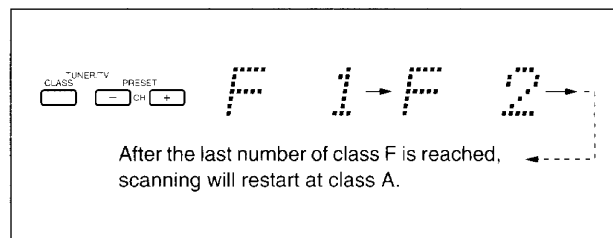


- c. Press the CLASSIFIED SCAN button.

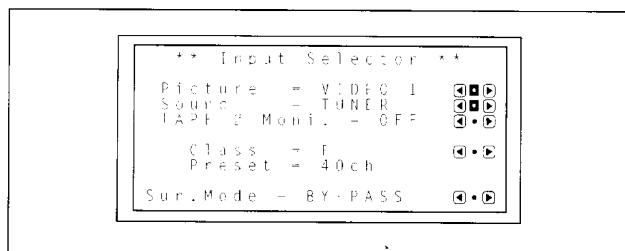
- Each preset station in the class will be displayed and played for 5 seconds. After the last memory number of the class is reached, scanning starts again from the first memory number of the class. Pressing the CLASSIFIED SCAN button again stops the scanning.



- d. Press either the PRESET UP or PRESET DOWN key on the remote control.



## Operating with the On-screen cursor



### NOTE:

If no preset channels are set in any class, the class and preset indications will not change, as there are no presets to select.

## Class

Indicates the current class of the TUNER preset memory (A to F). Pressing the ◀ and ▶ CURSOR keys will change the class. When the class is changed, the number shown below the new class will indicate the last channel that was selected for that class. If there are no channels set on that class at all, that class will be skipped entirely.

## Preset

Indicates the channel preset for the selected class of the TUNER. Pressing the ◀ CURSOR key will change the channel downward, and pressing the ▶ CURSOR key will change the channel upward.

## Audio/Video Recording

### Tape recording

With the TX-SV919THX you can perform recording while listening to the sound of another source through speakers or headphones. Make all connections between the tape deck and the unit as shown in the System Connections diagram (page 11, 12).

When recording a tape while the Multiple Room Remote Control is connected, turn the MR off (the MR OFF indicator will light) to disable remote control operation from other rooms.

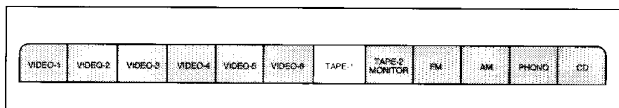
### NOTES:

- OPTICAL input of VIDEO-4 cannot be output to REC OUT terminal of TAPE 1,2, and VIDEO-1,2,3.
- When recording VIDEO-4, connect to L/R audio input jacks.

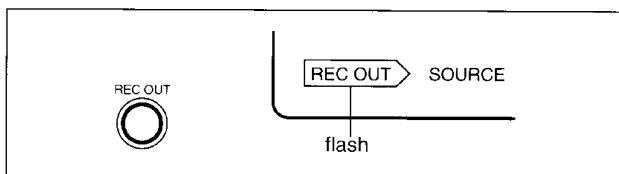
## Recording and dubbing to a tape deck connected to TAPE-1

When recording the same source you are listening to

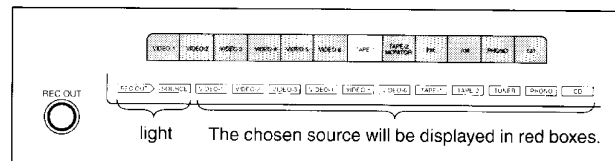
1. Press the Input Selector button to select the source to be recorded.  
(Other than TAPE-1)



2. Press the REC OUT button.



3. Press the REC OUT button again while the REC OUT indicator is flashing.

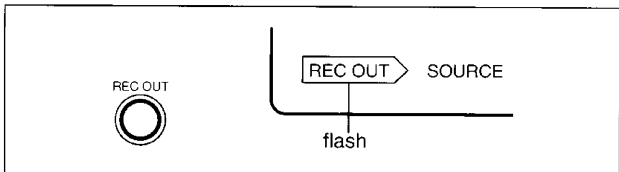


4. Start the device selected in step 1 while setting the tape deck connected to TAPE-1 to recording mode.

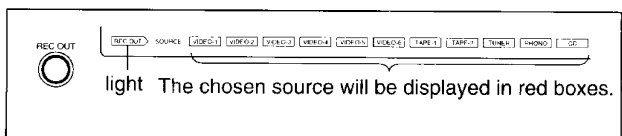
- Never change the positions of any controls (bass, treble, etc.) on this unit during recording and dubbing operations.
- Pressing the Input Selector button during recording will change the source being recorded.
- When the TAPE-2 MONITOR indicator is on, only TAPE-2 can be recorded and if the Input Selector is changed, the TAPE-2 MONITOR indicator will not change.

When recording a source different from the one you are listening to

1. Press the REC OUT button.

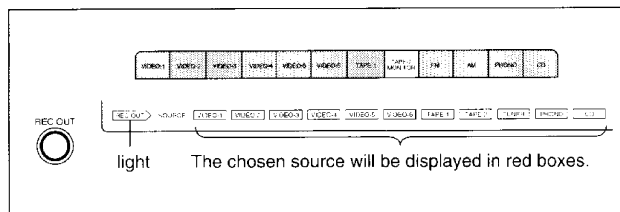


2. Press the Input Selector button for the source (other than TAPE-1) to be recorded, while the REC OUT indicator is flashing.



## Recording and dubbing to a tape deck connected to TAPE-2

1. Press the Input Selector button of the source to be recorded.  
(Other than TAPE-2)



2. Set a blank tape in TAPE-2.

3. Start playing back the device selected in step 1, and start recording on the tape deck connected to TAPE-2.

- When the TAPE-2 MONITOR is off, any source signals can be monitored through the speakers or the headphones (this is normal operation). If tape deck 2 is 3-head however, you can monitor the recording directly off the tape by turning TAPE-2 MONITOR on. Refer to the tape deck instruction manuals for more details.
- Set the recording level using the controls on the tape deck used for recording.

## Using a graphic equalizer

1. Connect the graphic equalizer to the TAPE-2 jacks on the rear panel.
2. If a second tape deck is used, connect it to the tape jacks on the graphic equalizer.  
(See page 8)

3. Press the TAPE-2 MONITOR button.

- Follow the graphic equalizer operating instructions.
- To record an equalized signal, use tape deck 2 (connected to the equalizer) for recording.

## VCR recording

Data can be recorded from video-disc players, video camcorders, multi media players, and video cassette recorders to video cassette recorders connected to VIDEO-1, -2, -3. Connect the VCR to VIDEO-1, VIDEO-2, and/or VIDEO-3.

Refer to each instruction manual for information concerning video-disc players, video camcorders, video cassette recorders and VCR-monitor TV.

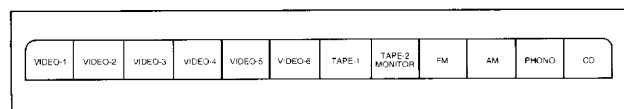
### NOTES:

- Do not change the REC selector setting while recording is in progress.
- Certain combinations of video input and output connections will allow sound recording, but not picture recording. Input via the normal video connector cannot be recorded via the S connector. Especially if the program to be recorded is important, take a few moments to double check the video connections. (See page 11, 12)

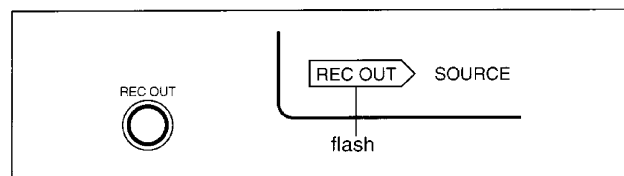
## Recording to VIDEO-1, VIDEO-2 and VIDEO-3

### ■ Recording the source being played back

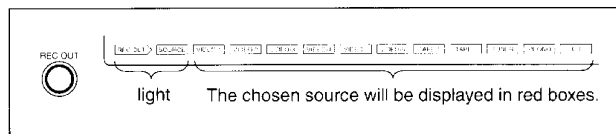
1. Select the source to be recorded with the Input Selector buttons.



2. Press the REC OUT button.



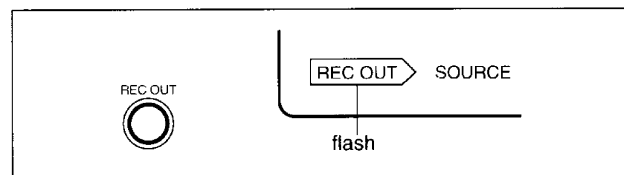
3. Press the REC OUT button again while the REC OUT indicator is flashing.



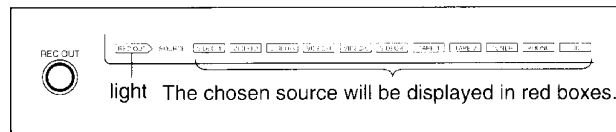
4. Start the source selected in step 1, and start recording on the VCR connected to VIDEO-1, VIDEO-2 and/or VIDEO-3.

### ■ Recording a source different from the one being played back

1. Press the REC OUT button.



2. Press the Input Selector button of the source to be recorded while the REC OUT indicator is flashing.



3. Start the source selected in step 2, and start recording on the VCR connected to VIDEO-1, VIDEO-2 and/or VIDEO-3.



## ■ Using a VCR with a built-in TV tuner

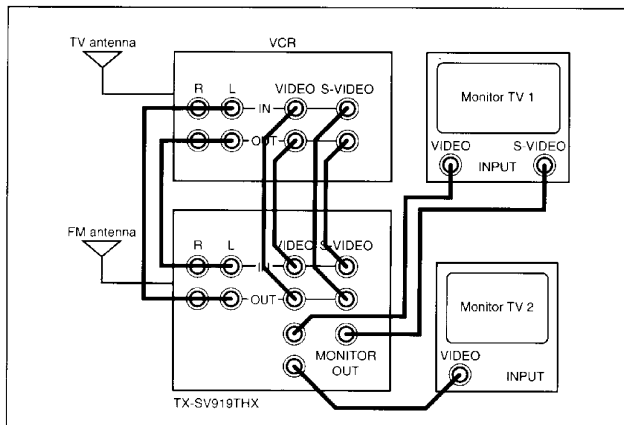
It is possible to record a TV broadcast while watching it on the monitor. Perform connections as shown in System Connections diagram (on page 11, 12).

1. Receive the desired TV broadcast using the VCR (VIDEO-1, VIDEO-2 or VIDEO-3)
2. Press the VIDEO-1, VIDEO-2 or VIDEO-3 input selector.

3. Put the VCR (VIDEO-1, VIDEO-2 or VIDEO-3) in the recording mode and switch on the monitor TV. During recording the picture is sent to the monitor TV and sound to the speakers connected to the TX-SV919THX.
4. Refer to the Video Cassette Recorder instruction manual for information concerning VCR-monitor TV and antenna connections.

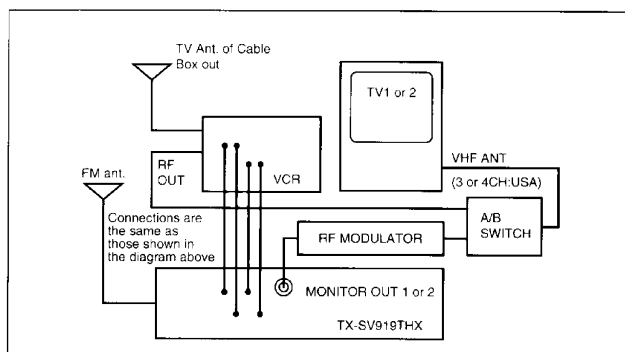
## Playback and recording of TV picture and FM/CABLE TV sound

Recording of a TV broadcast and FM broadcast (simulcast) is possible when two VCRs are used.



1. Receive the TV broadcast using the VCR (VIDEO-1) tuner.
2. Press the VIDEO-1 input selector.
3. Press the FM Input Selector and tune in the FM simulcast using a preset button or the tuning selectors.
  - The picture will be sent to the monitor TV and the FM stereo sound to the speakers connected to the TX-SV919THX.
4. To record the TV picture and FM sound, use VCR (VIDEO-2 OR VIDEO-3). Receive the TV broadcast using one VCR (VIDEO-1 or VIDEO-3) and begin recording on the other VCR (VIDEO-2 or VIDEO-3).
  - The program can be monitored during recording.

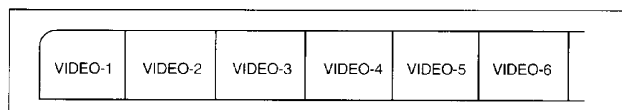
If the television has no video input terminal, make the connections as shown below



The A/B SWITCH may also be built-in to the RF modulator. Use an unused television channel (channel 3 or 4 output in the U.S.A. or the RF modulator channel in your country).

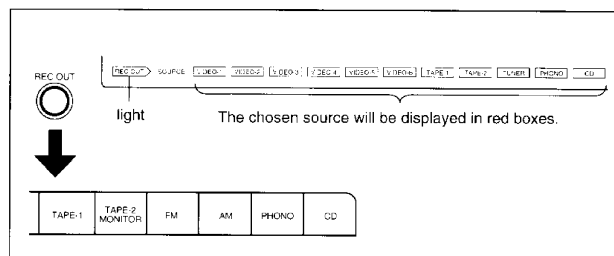
## Mixing video and audio for VCR recording

1. Press the Input Selector button to select the VCR (VIDEO-1, -2, -3, -4, -5, -6) that will be used to play the video.



2. Press the REC/PAUSE button on the VCR (VIDEO-1, -2 or -3) that will be doing the recording.

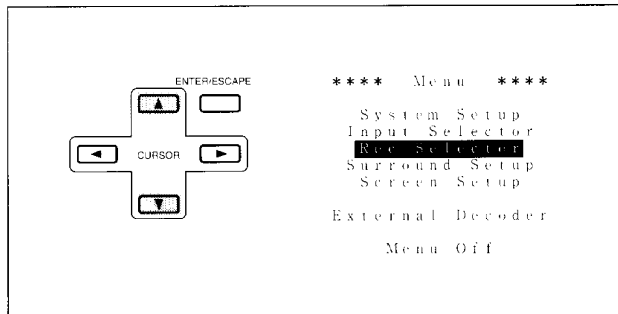
3. Press the REC OUT button then the Input Selector button (CD, PHONO, FM, AM, TAPE-1 or TAPE-2) that will provide the audio source.



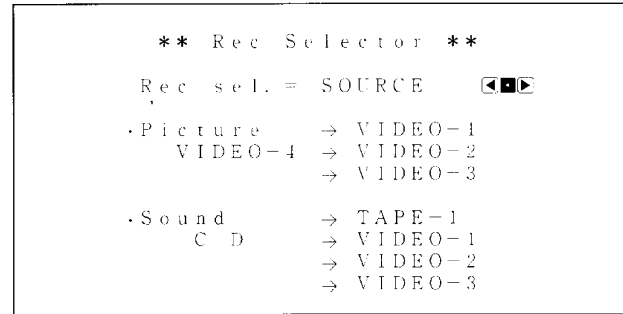
4. Start operation of the equipment.
  - The picture will be left as is. Only the audio will be changed. The picture will be recorded from the video source, and the sound from the audio source.

## Choosing the recording source with the cursor on the screen (using the remote control)

1. Move the cursor to Rec Selector on the menu screen.



2. Press the ENTER/ESCAPE key.



### Rec Sel

Indicates the Recording Selector. When you press the ◀ or ▶ CURSOR keys, the Recording Source of the sound and the picture will change.

When you select SOURCE in Rec Sel, the source which you have selected on the Input Selector (the current source which you are listening to or playing back) will be routed to any devices connected to TAPE-1, VIDEO-1, VIDEO-2 or VIDEO-3. If you change the Input Selector, the source that is to be recorded will also be changed.

When you select any source other than SOURCE using , the selected source will be recorded to any devices connected to TAPE-1, VIDEO-1, VIDEO-2 or VIDEO-3, but in this case, the selected source will be fixed, and will not change when the Input Selector is changed. This function allows you to record a source other than the source to which you are currently listening, e.g. record an FM broadcast while listening to a CD.

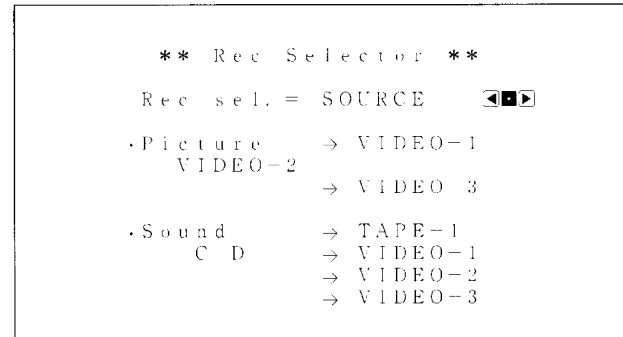
#### NOTE:

Although not shown on the screen, the TAPE-2 REC OUT jack always outputs sound according to the Input Selector.

### Picture, Sound

Indicates which picture and sound sources are available to be recorded, and which devices are available to record onto.

Please note the following example:



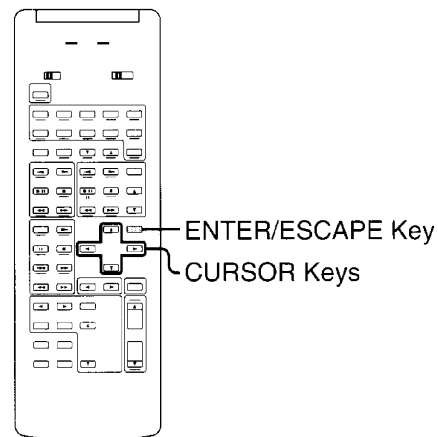
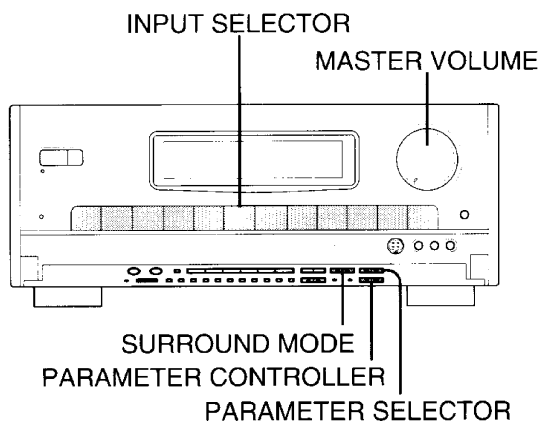
The recording source for the Picture is VIDEO-2, and this source can only be recorded to VIDEO-1, VIDEO-3.

The recording source for the sound is CD, and this source can be recorded to devices connected to TAPE-1 or VIDEO-1, VIDEO-2 or VIDEO-3.

## Basic operation of Surround play

Step 5 on page 27 "Listening to your favorite source" should be followed by the following basic operations.

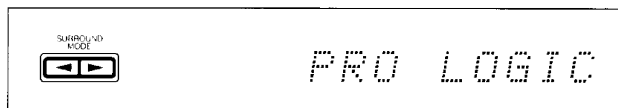
Although full details of each Surround mode will be explained on page 44, please be sure to understand the following basic operation first.



## Operating Surround with the main unit

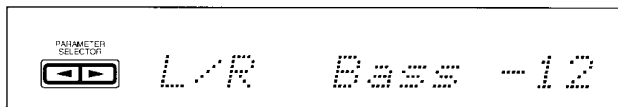
### 1. Select Surround mode.

(See page 44)



- Each time the SURROUND MODE button is pushed the mode changes as pictured and is shown in the display section.
- Each mode has a number of details (parameters) which affect the sound of the mode.

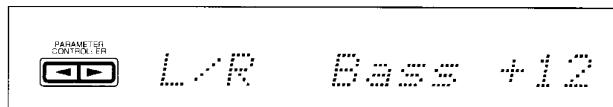
### 2. Select the parameter you want to change.



- Displayed in the display section for 5 seconds.

- If the display goes out, you can press the PARAMETER SELECTOR button again.
- The particular parameters change depending on which Surround mode you are in. Refer to the table on page 26.

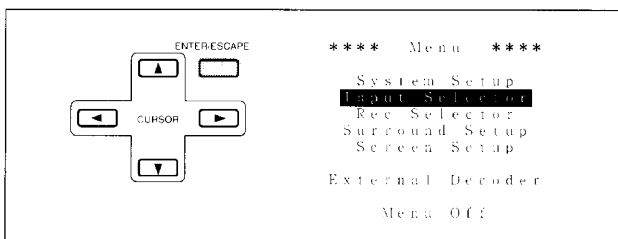
### 3. Select a value for the parameter.



- Adjust the parameter by repeating steps 2 and 3, and referring to the parameter selector list.
- The adjusted parameter is stored in the memory for the Surround mode you set it in.

## Operating Surround with the cursor on the screen

### 1. Press the ENTER/ESCAPE key to enter the menu screen.

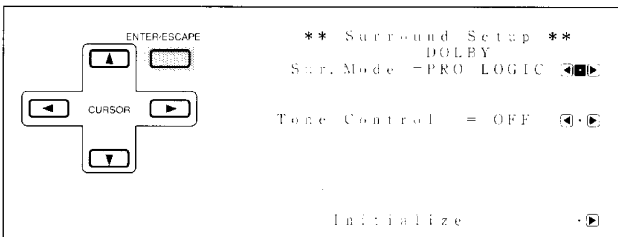


### 2. Press the ▲ or ▼ CURSOR keys to move the cursor to Surround Setup.

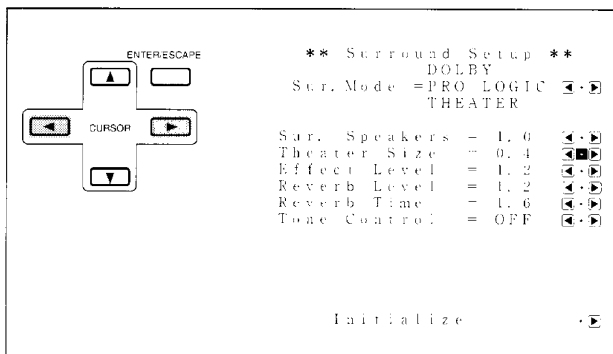


### 3. Press the ENTER/ESCAPE key.

- The screen for changing the Surround setup will open.



### 4. Press the ◀ or ▶ CURSOR keys to select Sur. Mode.

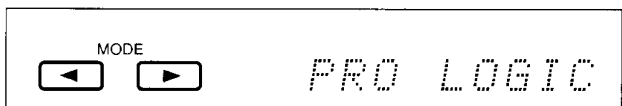


### 5. Press the ▲ or ▼ CURSOR keys to select the item you wish to change, and the ◀ and ▶ CURSOR keys to change the value.

- Some items allow you to select values visually by looking at the screen of the selected function.

## Operating Surround with the MODE keys using the remote control.

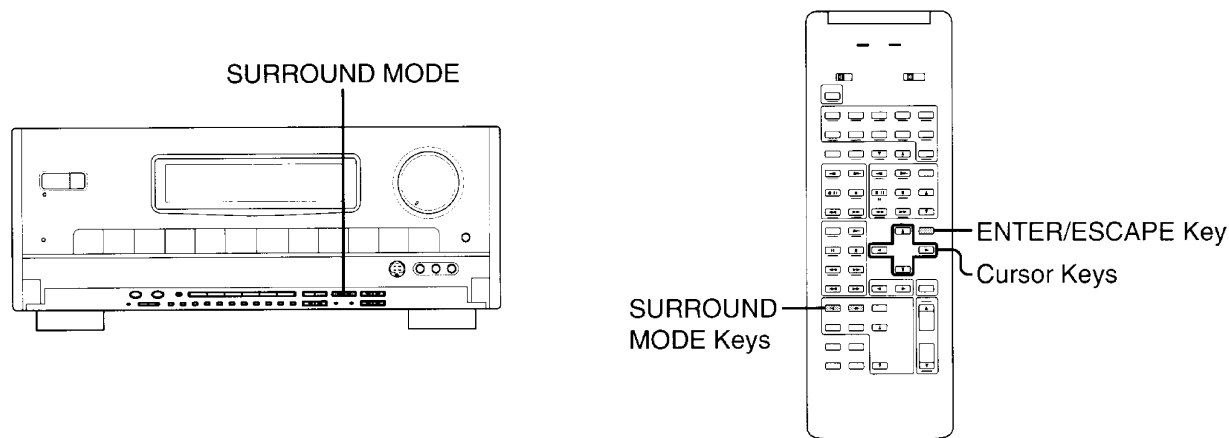
Select a Surround mode with the ◀ or ▶ SURROUND OPERATION MODE keys on the remote control.



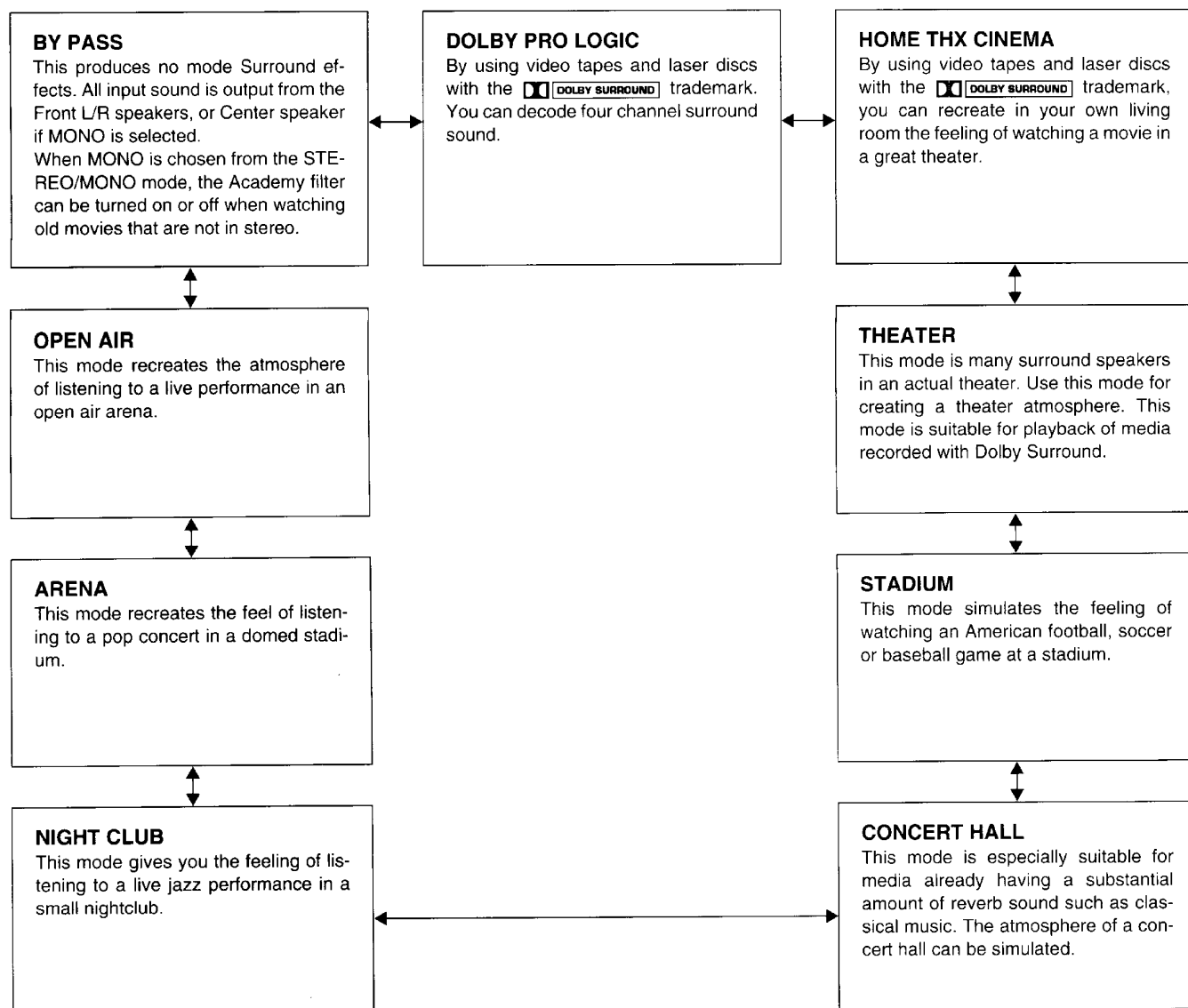
## Use of Surround mode

This unit is provided with 8 kinds of Surround modes.

Select a mode by pressing the SURROUND MODE ◀, ▶ button. This will rotate one step at a time through the Surround modes each time this button is pressed. Make your choice of modes depending on the type of music you are listening to, the media used, and your personal preference.

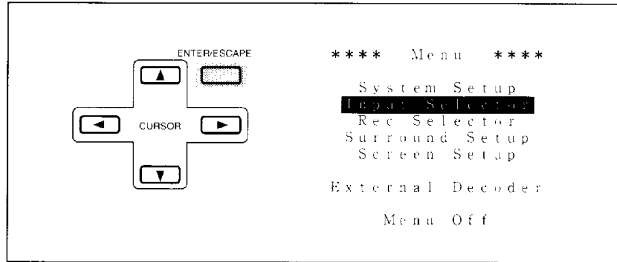


## Surround mode

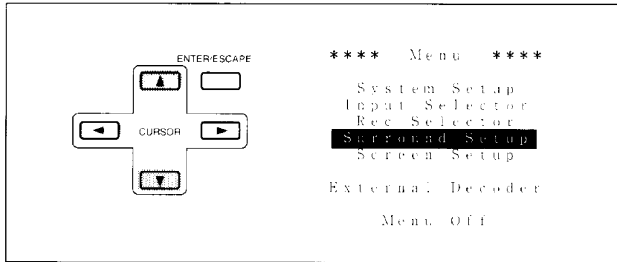


## Operating with the cursor keys on the screen

1. Press the ENTER/ESCAPE key to call the menu screen.

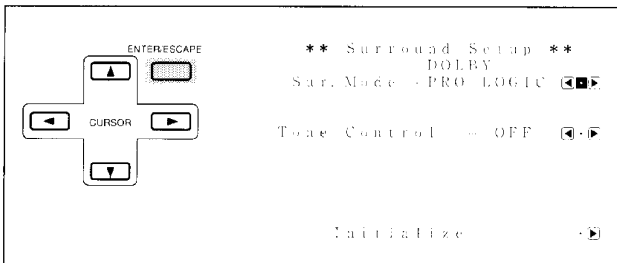


2. Press the ▲ or ▼ CURSOR keys to set the cursor to Surround Setup.

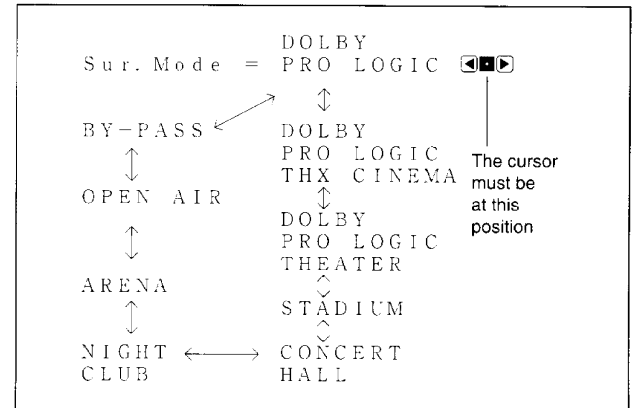


3. Press the ENTER/ESCAPE key.

- The screen for selecting Surround Setup will open.



4. Press the ◀ or ▶ CURSOR keys to change the Surround mode.

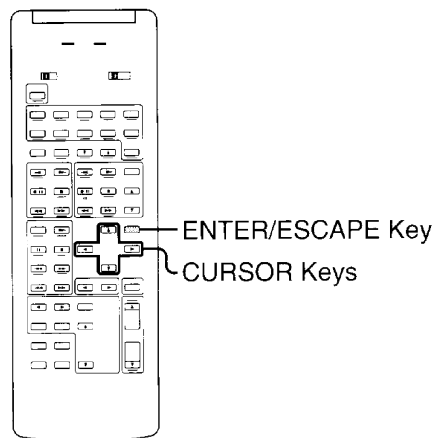
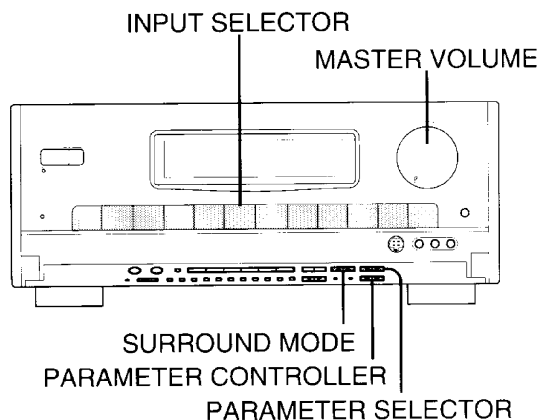


5. Pressing the ENTER/ESCAPE key will return you to the menu screen.

Before listening to the Surround mode, be sure the System Setup Parameters have been set. If the parameters have been set once, it is not necessary to set them again.

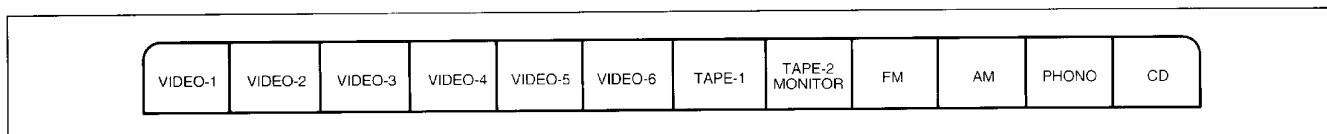
# Setting the Dolby Pro Logic Surround Parameters

When using video cassette tapes or video discs with the Dolby Surround trademark, you can achieve the same kind of sound in your room that can be experienced in a movie theater.  
Refer to page 43 for the basic operations.

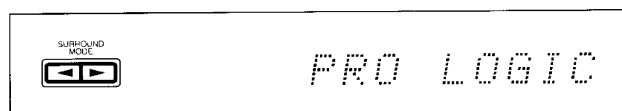


## Operating with the main unit

1. Select a source encoded with Dolby Surround.



2. Select the Dolby Pro Logic Surround mode.



3. Turn System Setup ON and adjust the settings. (See page 31, System Setup.)

Once the adjustments have been made using any of the surround modes except BY-PASS mode, it is not necessary to adjust the settings again if the surround mode is changed.

### NOTES:

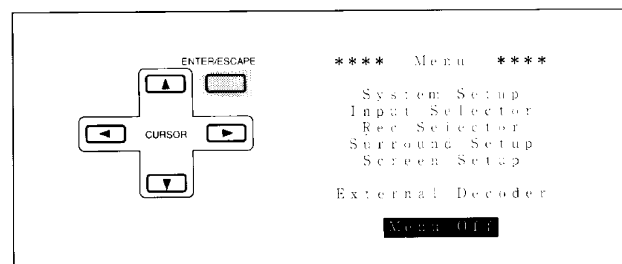
- Refer to "10. Initialize" on page 36 about the Initialize.
- Refer to "9. Tone control" on page 35.

## Operating with the cursor on the screen using the remote control

1. Call the System setup screen and adjust the settings. (See page 31)

Adjust each setting in the System Setup mode.

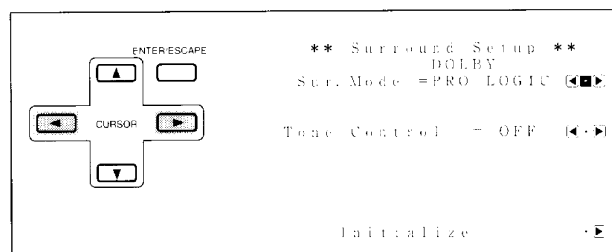
2. Press the ENTER/ESCAPE key to call the menu screen.



3. Move the cursor to Surround Setup and press the ENTER/ESCAPE key.



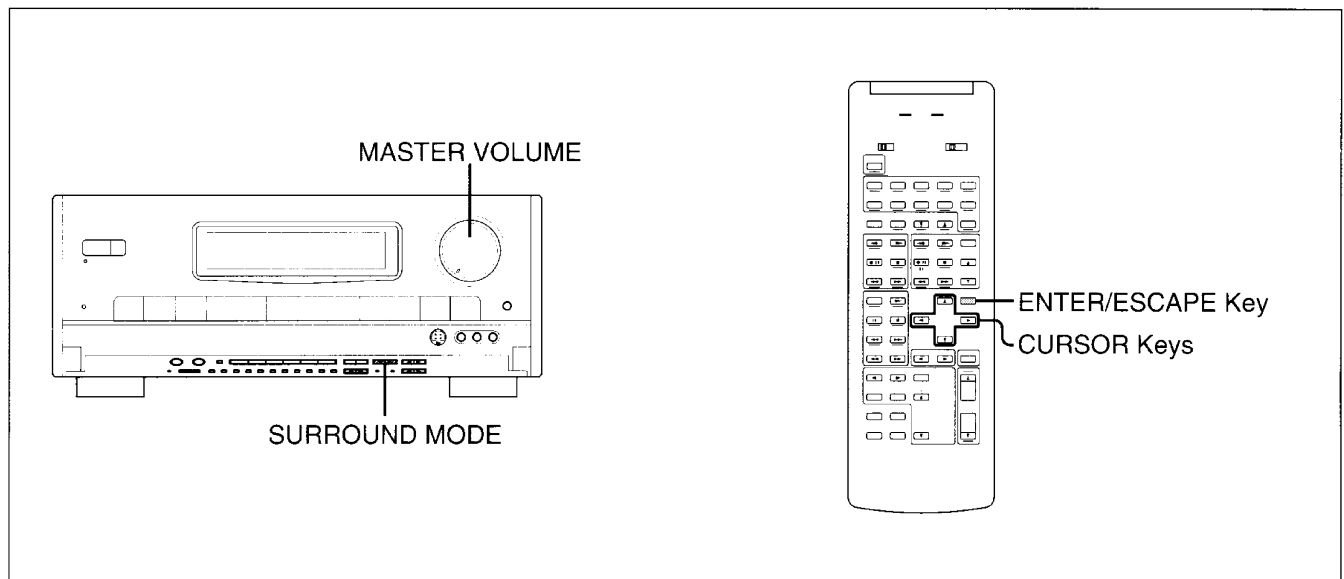
4. Alter the Sur. mode to Dolby Pro Logic.



### NOTES:

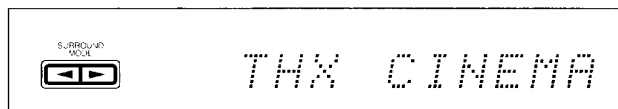
- Refer to "10. Initialize" on page 36 about the Initialize.
- Refer to "9. Tone control" on page 35.

# Setting the HOME THX CINEMA Surround Parameters



## Operating with the main unit

1. Select the HOME THX CINEMA Surround mode.



2. Turn System Setup ON and adjust the settings. (See page 31, System Setup.)

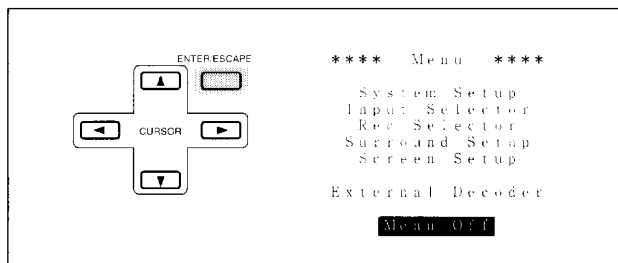
Once the adjustments have been made using any of the surround modes except BY-PASS mode, it is not necessary to adjust the settings again if the surround mode is changed.

## Operating with the cursor on the screen using the remote control

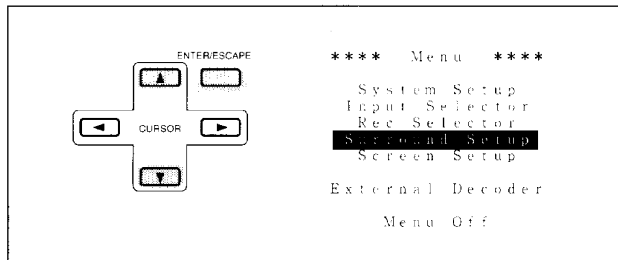
1. Call the System setup screen and adjust the settings. (See page 31)

Adjust each setting in the System Setup mode.

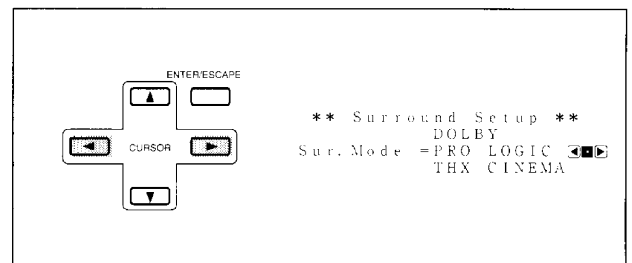
2. Press the ENTER/ESCAPE key to call the menu screen.



3. Move the cursor to Surround Setup and press the ENTER/ESCAPE key.

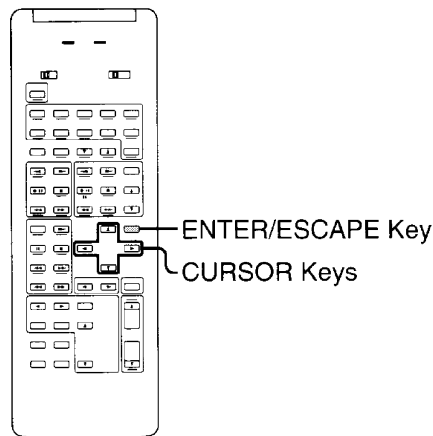
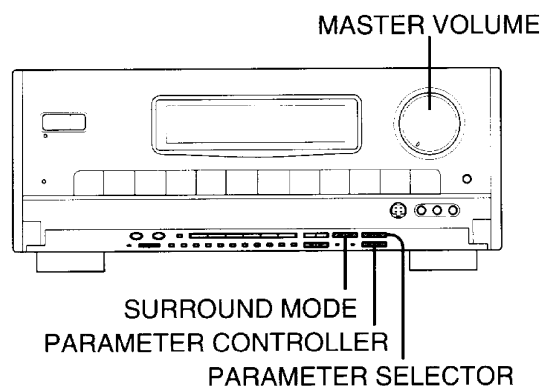


4. Alter the Sur. Mode to DOLBY PRO LOGIC THX CINEMA.



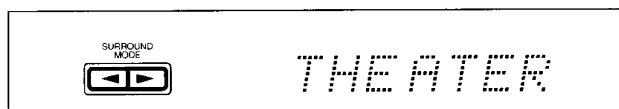
# Setting the Theater Surround Parameters

You can achieve the same kind of sound in your room that you experience in a movie theater by adding a DSP sound field effect. (DSP: Digital Signal Processor — refer to page 5 for details.) Refer to page 43 for basic Surround sound operation.



## Operating with the main unit

1. Use the SURROUND MODE buttons to select the Theater mode.



2. Turn System Setup ON and adjust the settings. (See page 31, System Setup.)

Once the adjustments have been made using any of the surround modes except BY-PASS mode, it is not necessary to adjust the settings again if the surround mode is changed.

3. Select the simulate position of the Surround Speakers. (Explanation 1, page 49)
4. Select the Theater Size. (Explanation 2, page 49)
5. Adjust the Effect Level, Reverb Level and Reverb Time. (Explanation 3, page 49)

### NOTE:

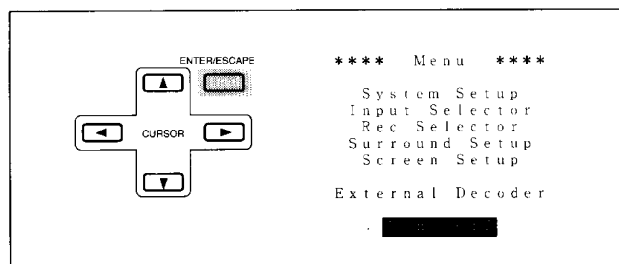
Refer to "10. Initialize" on page 36 about the Initialize.

## Operating with the cursor on the screen using the remote control

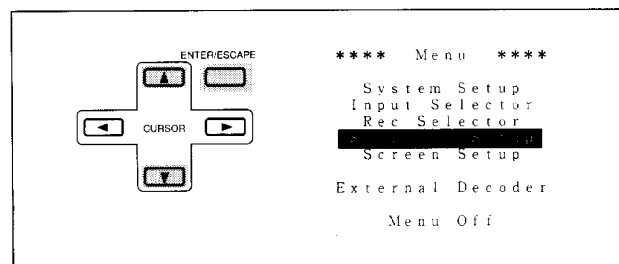
1. Call the System setup screen and adjust the settings. (See page 31)

Adjust each setting in the System Setup mode.

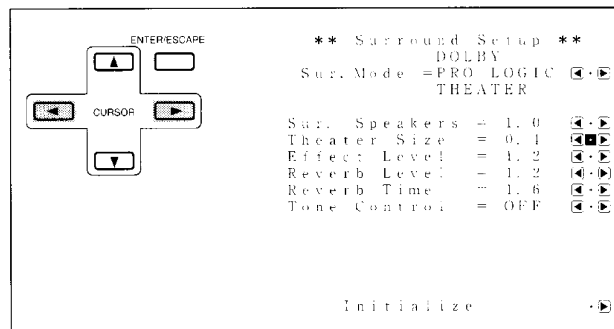
2. Press the ENTER/ESCAPE key to call the menu screen.



3. Move the cursor to Surround Setup and press the ENTER/ESCAPE key.



4. Alter the Sur. Mode to DOLBY PRO LOGIC THEATER.

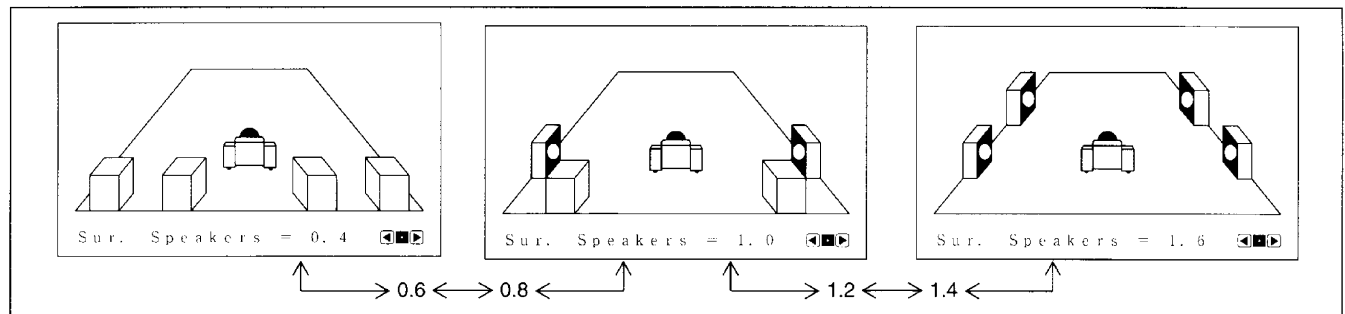


5. Select the simulate position of the Surround Speakers. (Explanation 1, page 49)
6. Select the Theater Size. (Explanation 2, page 49)
7. Adjust the Effect Level, Reverb Level and Reverb Time. (Explanation 3, page 49)
8. Pressing the ENTER/ESCAPE key on the remote control brings you the menu screen.



## Explanation 1: Surround Speakers

Simulates as if there were four Surround speakers. 7 patterns from 0.4 to 1.6 can be selected.



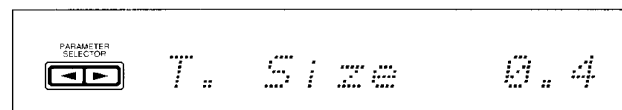
- The Surround speakers mentioned here are referred to as Surround speakers, not the speakers connected to the main unit.
- The effects may differ according to the type of Left and Right Surround speakers used and their positions.

## Explanation 2: Theater Size

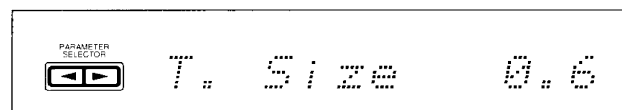
Theater size simulates the atmosphere of a small or a large sized movie theater. Seven theater size can be selected, from 0.4 to 1.6.

### Operating with the main unit

#### 1. Select the theater size.

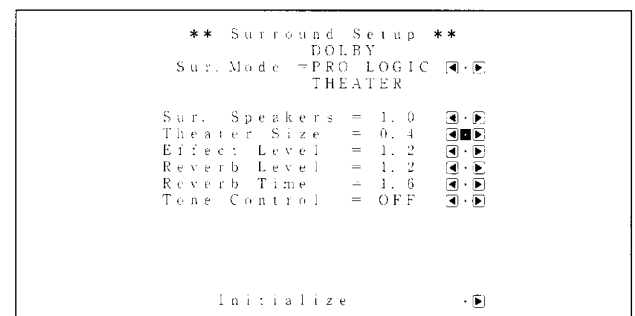


#### 2. Alter the theater size.

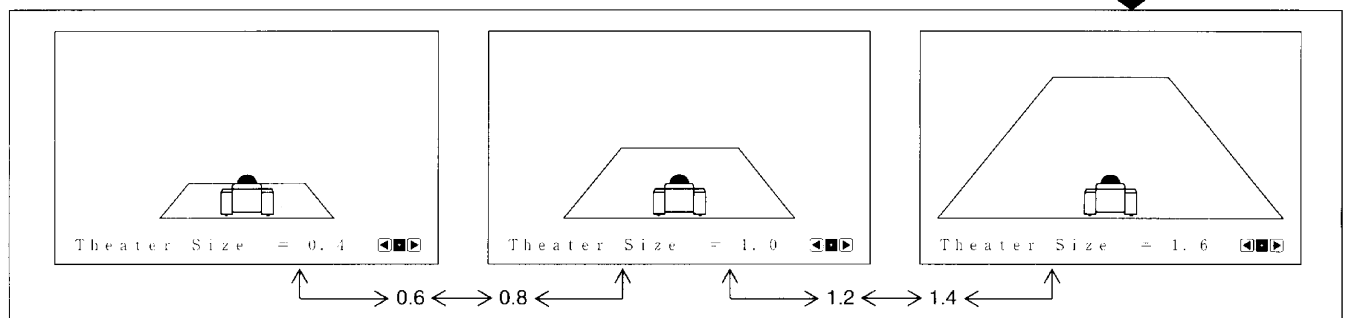


### Using the cursor on the screen

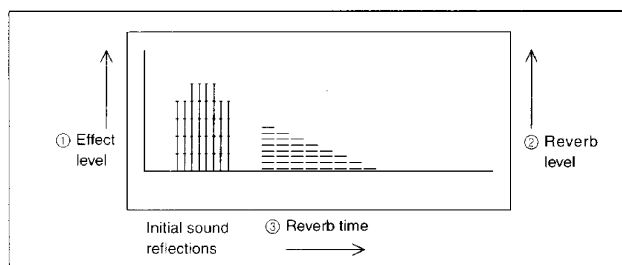
#### 1. Place the cursor on Theater Size on the Surround Setup screen.



#### 2. Select the Theater Size.



## Explanation 3: Effect Level, Reverb Level and Reverb Time



By adjusting the levels of the initial reflections and reverberation in sound from a recording, it is possible to create the illusion of actually being in a concert hall or movie theater without leaving your living room.

By adjusting the effect level, reverb level and reverb time, it is possible to recreate the sonic environment of a concert hall or movie theater.

#### 1. Effect Level

This parameter adjusts the initial reflection level. Adjust the level by using the ◀ and ▶ CURSOR keys to after positioning the cursor on Effect Level on the Surround Setup screen.

#### 2. Reverb Level

This parameter adjusts the level of only the reverb (not the initial reflections). Raising the level makes the "mountain" higher. (Refer to the above illustration.) Use the ◀ or ▶ CURSOR keys to adjust the level.

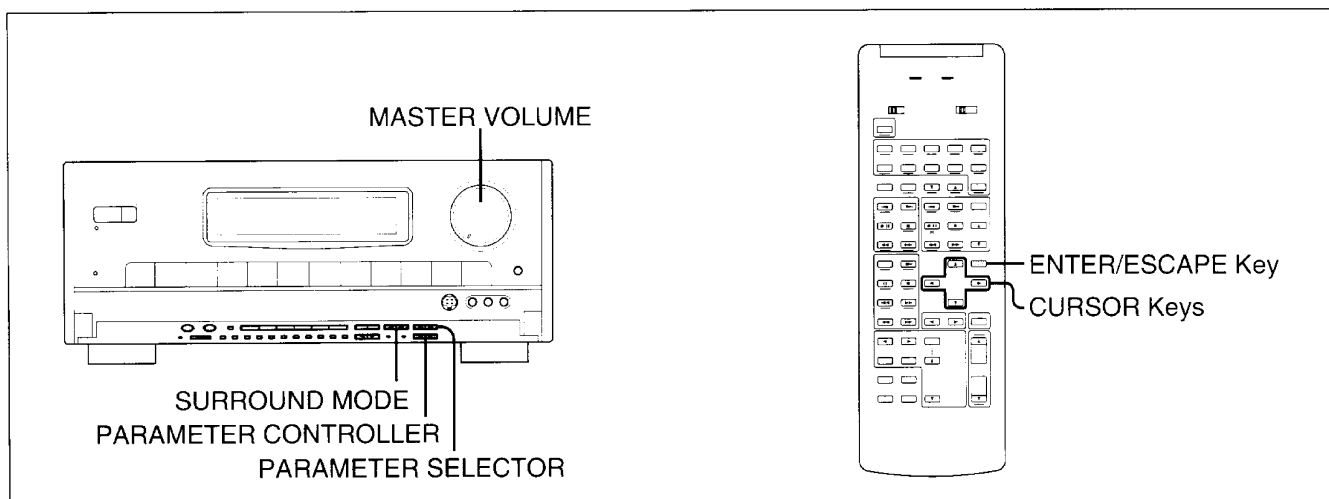
#### 3. Reverb Time

This parameter adjusts the time taken for the reverberation to decay completely. Lengthening the reverb time widens the base of the "mountain". Use the ◀ or ▶ CURSOR keys to adjust the level.

### NOTE:

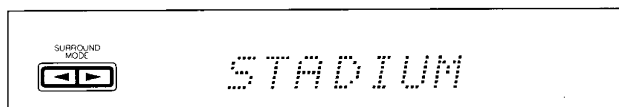
For each parameter you can set 1 of 7 levels from 0.4 to 1.6.

# Setting the Stadium Surround Parameters



## Operating with the main unit

1. Use the SURROUND MODE buttons to select the Stadium mode.



2. Turn System Setup ON and adjust the settings.

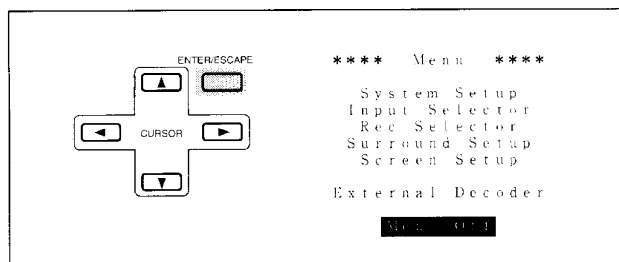
Once the adjustments have been made using any of the surround modes except BY-PASS mode, it is not necessary to adjust the settings again if the surround mode is changed.

## Operating with the cursor on the screen using the remote control

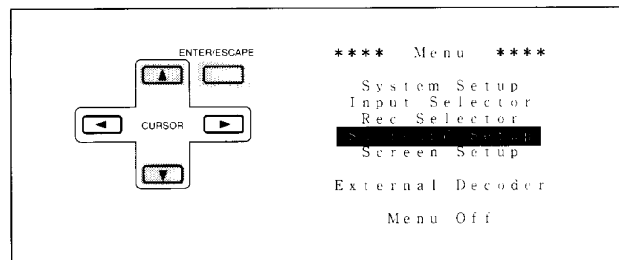
1. Call the System setup screen and adjust the settings. (See page 31)

Adjust each setting in the System Setup mode.

2. Press the ENTER/ESCAPE key to call the menu screen.



3. Move the cursor to the Surround Setup and press the ENTER/ESCAPE key.

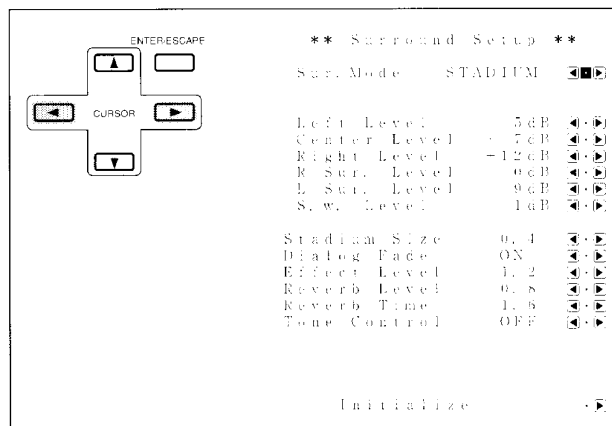


3. Select the Stadium Size. (Explanation 4, page 51)
4. Select Dialog Fade. (Explanation 5, page 51)
5. Adjust the Effect Level, Reverb Level and Reverb Time. (Explanation 3, page 49)

### NOTE:

Refer to "10. Initialize" on page 36.

4. Alter the Sur.Mode to STADIUM.



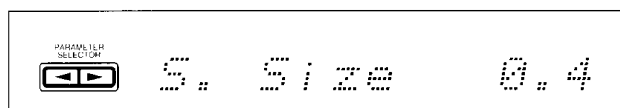
5. Select the Stadium Size. (Explanation 4, page 51)
6. Select the Dialog Fade. (Explanation 5, page 51)
7. Adjust the Effect Level, Reverb Level and Reverb Time. (Explanation 3, page 49)
8. Pressing the ENTER/ESCAPE key on the remote control brings you the menu screen.

## Explanation 4: Stadium Size

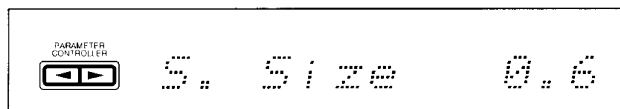
Stadium size simulates the atmosphere of a small or a large sized stadium. Seven stadium size can be selected, from 0.4 to 1.6.

### Operating with the main unit

#### 1. Select the Stadium Size.

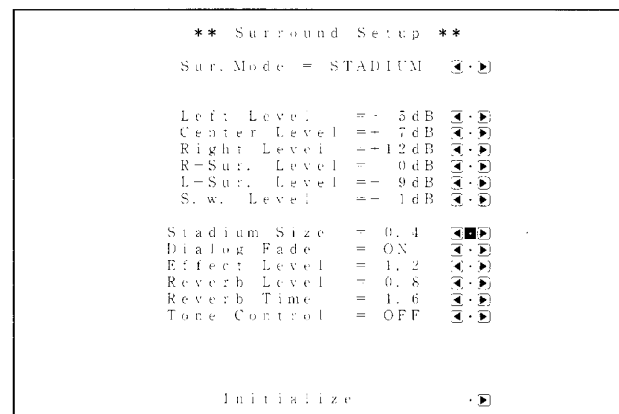


#### 2. Alter the Stadium Size.

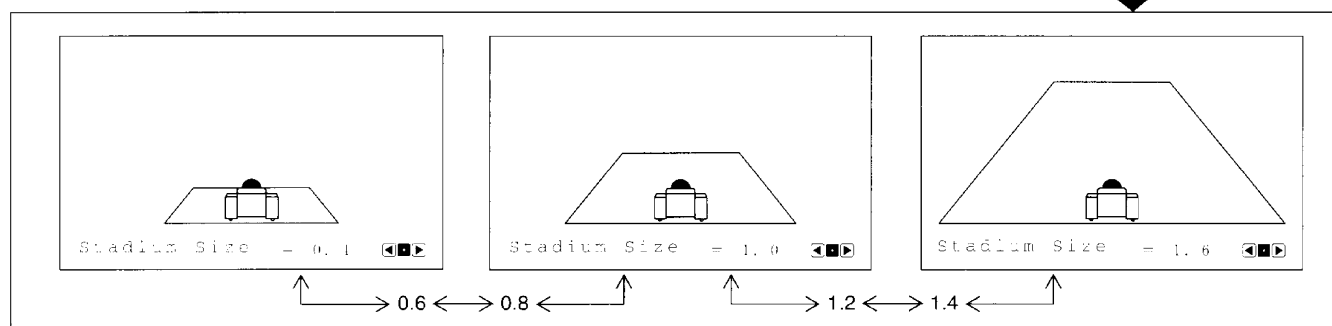


### Using the cursor on the screen

#### 1. Place the cursor on the Stadium Size on the Surround Setup screen.



#### 2. Select the Stadium Size



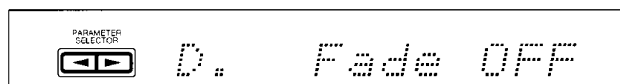
## Explanation 5: Dialog Fade

When you are listening to a broadcast of a sports program and this function is turned on, the voice of the announcer fades out.

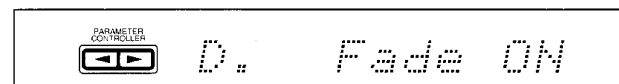
- The voice of the announcer is not completely muted.

### Operating with the main unit

#### 1. Select the Dialog Fade.

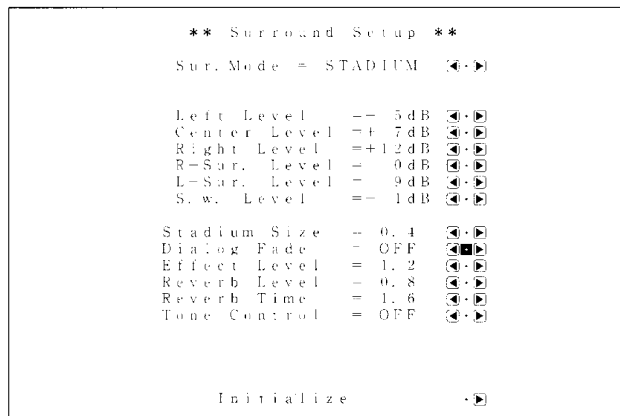


#### 2. Alter the Dialog Fade.

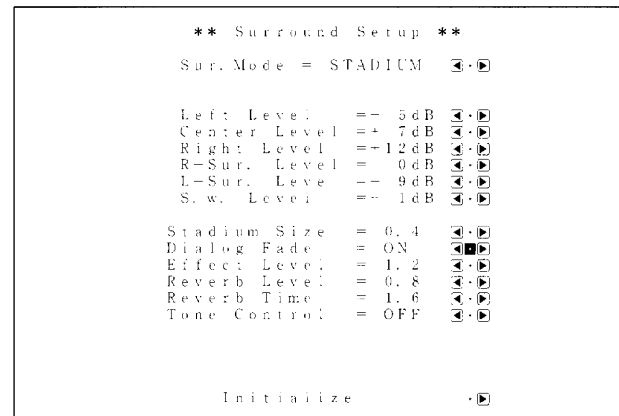


### Using the cursor on the screen

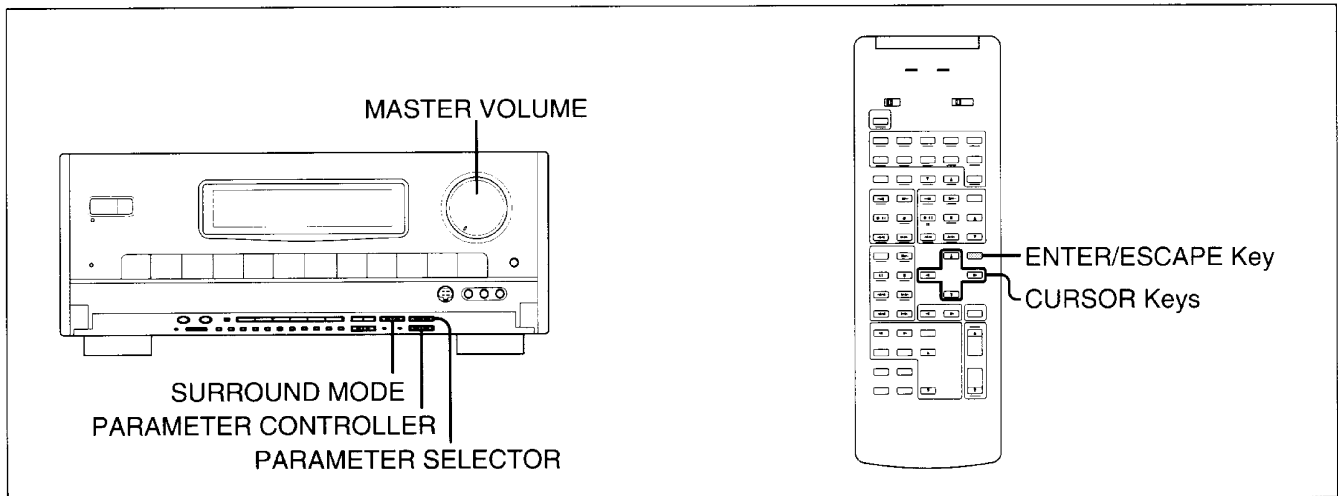
#### 1. Place the cursor on the Dialog Fade on the Surround Setup screen.



#### 2. Select the Dialog Fade using the ◀ and ▶ CURSOR keys.

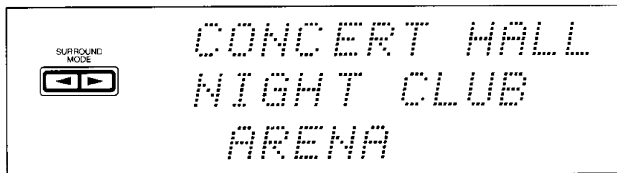


# Setting the Concert Hall, Night Club and Arena Surround Parameters



## Operating with the main unit

1. Use the SURROUND MODE buttons to select the Concert Hall, Night Club or Arena mode.



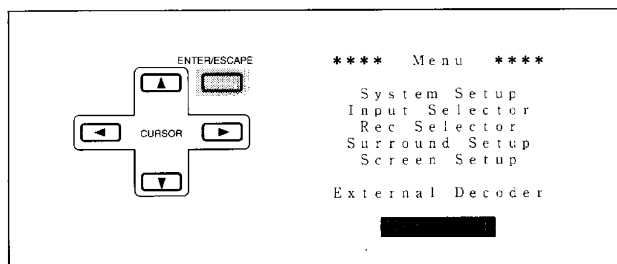
2. Turn System Setup ON and adjust the settings. (See page 31, System Setup.)

Once the adjustments have been made using any of the surround modes except BY-PASS mode, it is not necessary to adjust the settings again if the surround mode is changed.

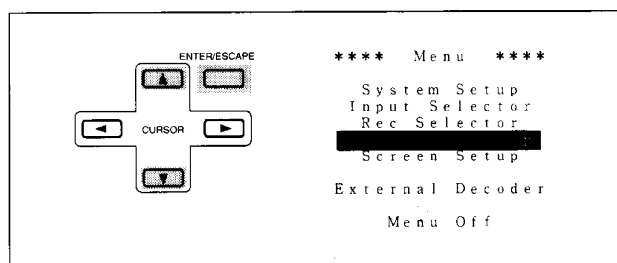
## Operating with the cursor on the screen using the remote control

1. Call the System setup screen and adjust the settings. (See page 31)
- Adjust each setting in the System Setup mode.

2. Press the ENTER/ESCAPE key to call the menu screen.



3. Move the cursor to Surround Setup and press the ENTER/ESCAPE key.

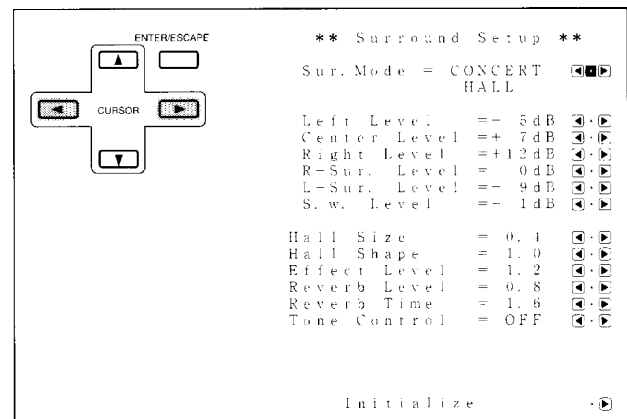


3. Select the Hall Size. (Explanation 6, page 53)
4. Select the Hall Shape. (Explanation 7, page 53)
5. Adjust the Effect Level, Reverb Level and Reverb Time. (Explanation 3, page 49)

### NOTES:

- Refer to "10. Initialize" on page 36 about the Initialize.
- All of the settings can be adjusted no matter which Surround mode is chosen.

4. Alter the Sur.Mode to either CONCERT HALL, NIGHT CLUB or ARENA.



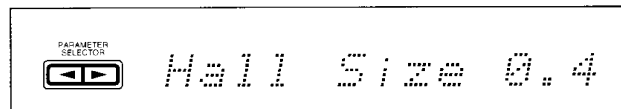
5. Select the Hall Size. (Explanation 6, page 53)
6. Select the Hall Shape. (Explanation 7, page 53)
7. Adjust the Effect Level, Reverb Level and Reverb Time. (Explanation 3, page 49)
8. Pressing the ENTER/ESCAPE key on the remote control brings you the menu screen.

## Explanation 6: Hall Size

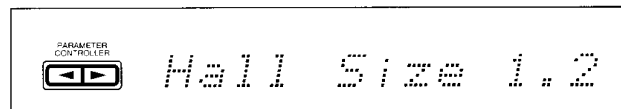
Concert Hall, Night Club and Arena mode simulates the atmosphere of a small or a large sized hall.  
Seven hall size can be selected, from 0.4 to 1.6.

### Operating with the main unit

#### 1. Select the Hall Size.

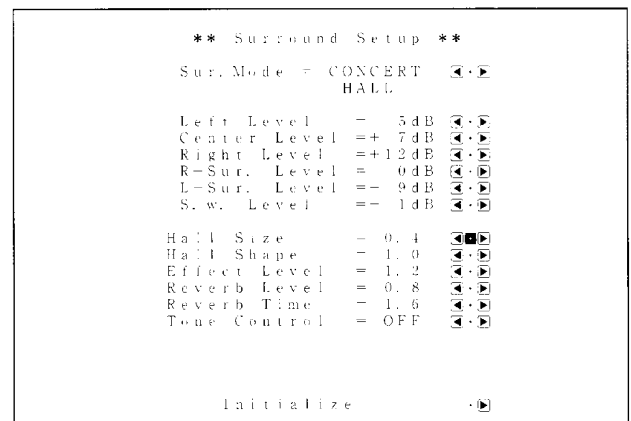


#### 2. Alter the hall size.

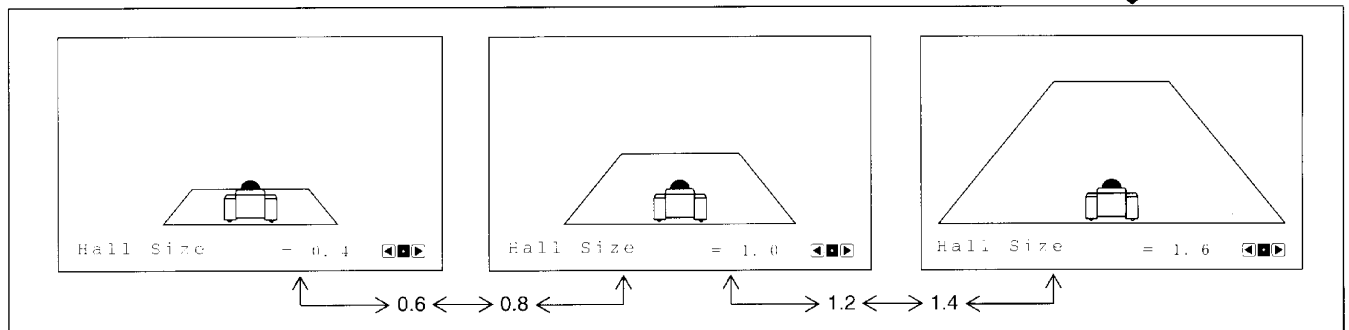


### Using the cursor on the screen

#### 1. Place the cursor on Hall Size on the Surround Setup screen.



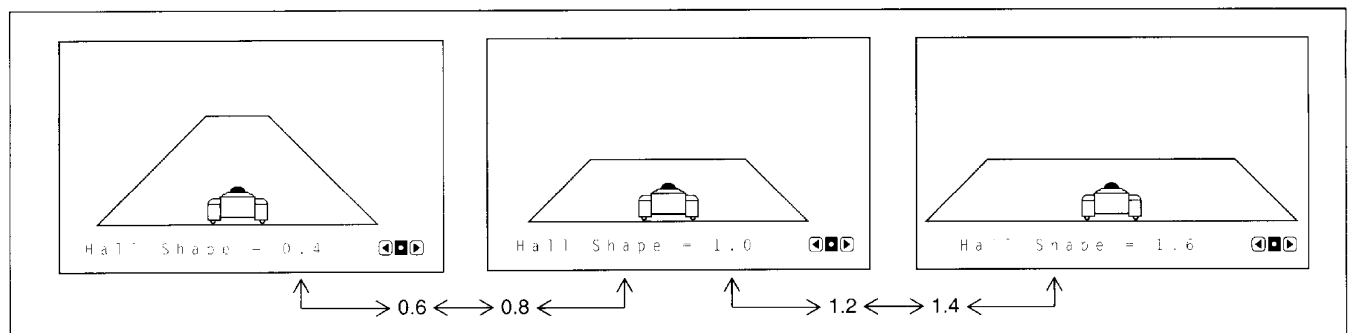
#### 2. Select the Hall Size



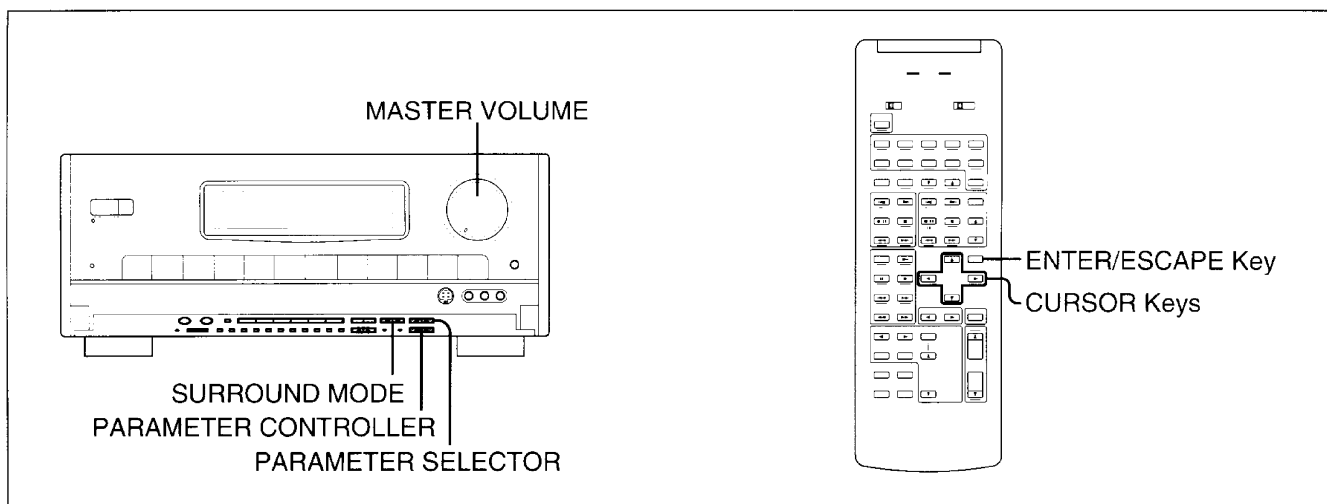
## Explanation 7: Hall Shape

Simulates the shape of the hall. 7 patterns from 0.4 to 1.6 can be selected.

0.4 to 0.8 simulate rectangular shapes, 1.0 simulates a square shape and 1.2 to 1.6 simulate oblong shapes, ie. the number is the ratio of hall breadth to length.

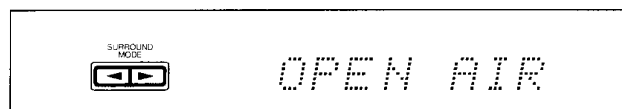


# Setting the Open Air Surround Parameters



## Operating with the main unit

1. Select the Open Air mode.



2. Turn System Setup ON and adjust the settings. (See page 31, System Setup.)

Once the adjustments have been made using any of the surround modes except BY-PASS mode, it is not necessary to adjust the settings again if the surround mode is changed.

### NOTE:

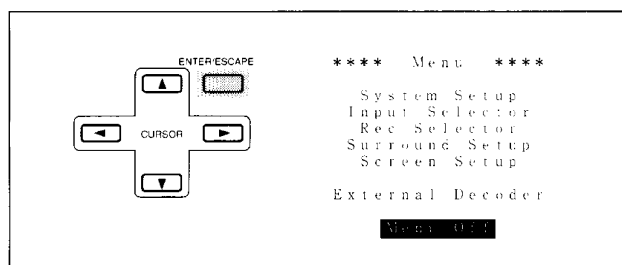
Refer to "10. Initialize" on page 36 about the Initialize.

## Operating with the cursor on the screen using the remote control

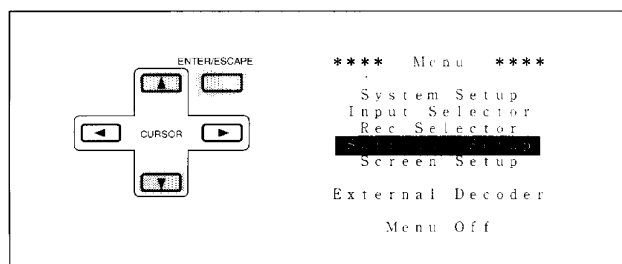
1. Call the System setup screen and adjust the settings. (See page 31)

Adjust each setting in the System Setup mode.

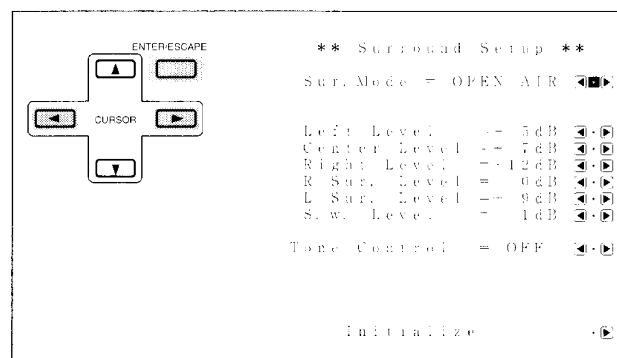
2. Press the ENTER/ESCAPE key to call the menu screen.



3. Move the cursor to Surround Setup.

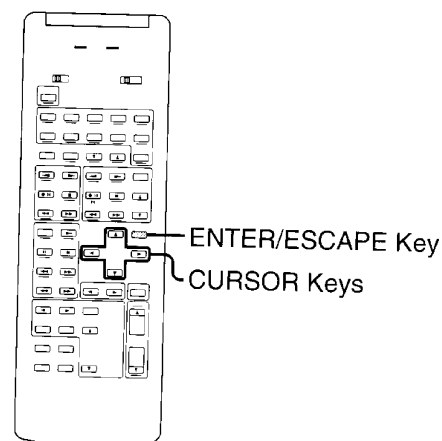
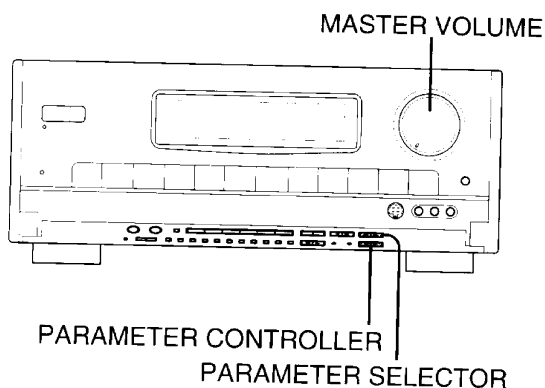


4. Press the ENTER/ESCAPE key and alter the Sur-Mode to OPEN AIR.



## Setting External decoder Parameters

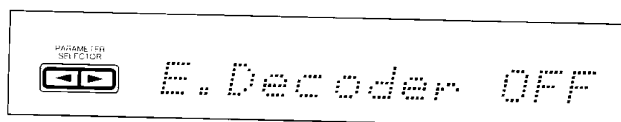
When a Dolby Surround Digital Decoder with the AC-3 format developed by Dolby Laboratories Inc. TX-SV919THX is connected, it can be used as a power amplifier that is able to adjust the levels of the Front Left, Center, Right, Left Surround, Right Surround and Subwoofer speakers by connecting the decoder's analog output to the external decoder input terminal on the TX-SV919THX (The Subwoofer is the Pre out). (See page 15.)



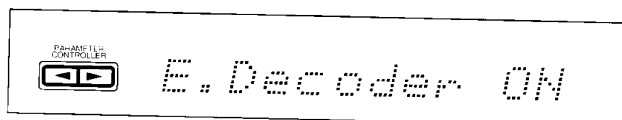
1. Connect the Dolby Surround Digital Decoder.
2. Adjust the settings on the Decoder according to the Decoder's instruction manual.
3. Adjust the TX-SV919THX's External Decoder Input setting.

### Operating with the main unit

1. Select External Decoder.



2. Set External Decoder ON.



3. Next, use the MASTER VOLUME to set the volume to desired listening position.
4. Turn the Subwoofer ON or OFF. The Subwoofer is normally set to ON. (See page 32)
5. Select the Low/High Pass Filter ON or OFF. (See page 32)
6. Turn on the Test Tone on the Dolby Surround Digital Decoder and adjust the level of the Left, Center, Right, Right Surround, Left Surround speakers, and subwoofer pre out level.
7. Turn off the test tone.

### Operating with the cursor on the screen using the remote control

1. Move the cursor to System Setup. (See page 31)
2. Press the ENTER/ESCAPE key to call the menu screen.
3. Move the cursor to External Decoder.
4. Press the ENTER/ESCAPE key and set the External Decoder ON.
5. Next, use the MASTER VOLUME to set the volume to the desired listening position.
6. Turn the Subwoofer ON or OFF. The Subwoofer is normally set to ON.
7. Select the Low/High Pass Filter ON or OFF.
8. Pressing the ENTER/ESCAPE key on the remote control brings you the menu screen.

#### NOTES

- The procedure for adjusting the settings for the TX-SV919THX may differ depending on the specifications for the Dolby Surround Digital Decoder being used.
- A source can be selected using the Input SELECTOR buttons if the external decoder is turned off.
- You are not able to record from the external decoder to Tape-1 or 2 or Video-1, 2 or 3.

```

** External Decoder **

External
Decoder = ON      [Left][Right]
Speakers Sel. = A  [Left][Right]
Subwoofer       = ON  [Left][Right]
L. P. F.        = ON  [Left][Right]
H. P. F.        = ON  [Left][Right]

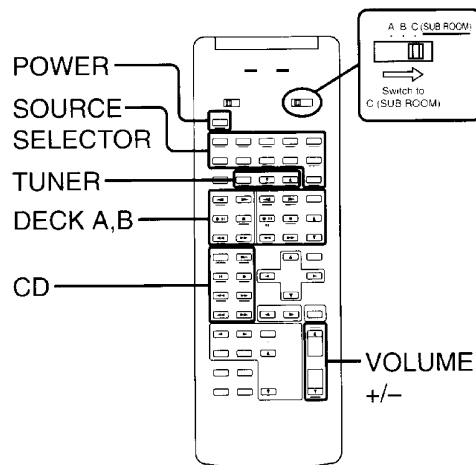
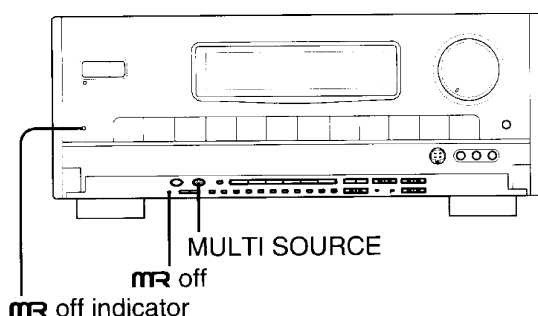
Left Level      = - 2dB [Left][Right]
Center Level    = - 7dB [Left][Right]
Right Level     = 0dB  [Left][Right]
R-Sur. Level    = 0dB  [Left][Right]
L-Sur. Level    = 0dB  [Left][Right]
S. w. Level     = 0dB  [Left][Right]
Initialize      [Left][Right]
  
```

# Listening to devices connected to the TX-SV919THX in another room

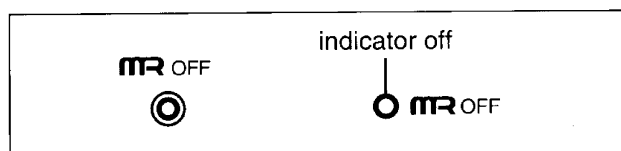
## Multiple Room Remote System (MR)

Please refer pages 16 and 17 for connection and set-up methods.

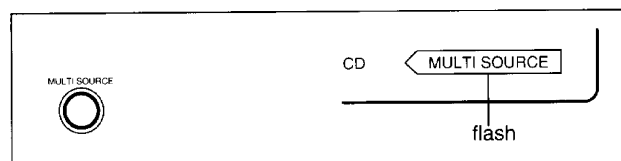
- TX-SV919THX allows you to listen to the desired performance in another room (sub room) while listening to the Multi source pre out playback of a device located in the main room. To do this, connect the stereo main amp terminals on the TX-SV919THX.
- Connect the Stereo main amplifier to the MULTISOURCE PRE OUT on the TX-SV919THX and connect the speaker cables from the speakers in the other room to the speaker terminals on the Stereo main amplifier.
- Remote control from another room can be done by employing the ONKYO multiple room remote system (MR). Refer to the connections for multiple room remote control. Be sure to operate the remote control unit directing pointing to the remote sensor unit HR-10.
- The following steps (except step 1) can be performed using the remote control unit. It is recommended that the adjustments described below be done in the main room in advance, since it is not possible to operate the remote control unit in another room while watching the display of the TX-SV919THX.
- When using the included remote control unit (RC-267M), set A, B, C Selector switch to C (SUB ROOM). Only the functions related to the Multiple Room Remote system are output. Only buttons on the remote control with a blue line under them can be used.



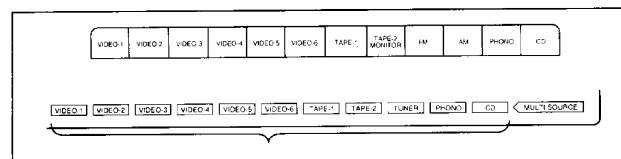
### 1. Turn the MR OFF button off.



### 2. Press the MULTI SOURCE button.



### 3. While this is flashing, use the Input Selector button to select the desired source.



- If the tuner is selected with MULTI SOURCE and the Input Selector is set to something other than TUNER, the tuners frequency and class displays will be shown for 3 seconds.
- When changing the source, be sure to press the MULTI SOURCE button before pressing the Input Selector button. Pressing the Input Selector button without first pressing the MULTI SOURCE button will change the source in the main room.
- The remote control can be used to perform steps 2 and 3 by first positioning the A/B/C (SUB ROOM) selector switch to the C (SUB ROOM) position and pressing the SOURCE SELECTOR button.

### 4. Adjust the level using the VOLUME +/- buttons on the remote control.

- MULTI SOURCE level will be indicated on the display. It is recommended that the level be set lower in advance in the main room (-78 to -76dB).
- Note that before adjusting the level using the VOLUME +/- buttons, set the selector switch on the remote control to the C (SUB ROOM) position. If the position is set to A or B, the MASTER VOLUME affects the speaker volume in the main room, not the sub room.

M.S. Level -66

## MR off button (MR OFF) and indicator

Use this button for tape recording. It is used to disable control of the ONKYO MR system via the remote control in another room. Pressing this button will illuminate the indicator, and control from another room will be disabled. Pressing the button again will turn the indicator off, and control from the other room will be enabled.

- The source indicated by the Input Selector will be output from the TAPE-1 and 2, and VIDEO-1, -2 and 3 REC OUT terminals.
- If the multi source is selected, MR OFF will automatically be deactivated.
- If the multi source is selected for REC OUT, MR OFF will automatically be activated.



## Using the remote control

You can use the remote control supplied with this Tuner Amplifier to operate the source devices selected for the multi-source if they are an ONKYO CD or cassette deck bearing the **RI** mark.

If you require a second remote control for the sub room, there is a remote control RC-MR1H for the sub room, which is sold separately. Installation of the Remote Sensor HR-10 and the Remote Emitter HE-50(AC) is required to control non-ONKYO devices from another room (sub room). Operate the remote control included with the device by directing the remote control toward the HR-10 installed in the sub room.

If a problem occurs, carry out the same operation on the TX-SV919THX's front panel controls to verify that the problem is with the remote control.

If there is no problem when operating the TX-SV919THX directly, check the batteries in the remote control first before assuming that there is a controller malfunction.

- If remote control operations are done in another room, the source on the Input Selector may change, or any recording being done on the TX-SV919THX may be interrupted. Press the **MR** OFF button to disable control from another room. (The OFF indicator will be illuminated.)
- Some non-ONKYO remote controls cannot be used.

## Trouble shooting guide

If a problem occurs, first operate the unit using the front panel controls to confirm that it is not due to a malfunction (or worn out batteries) of the remote control transmitter.

Trouble	Cause	Remedy
No power.	<ul style="list-style-type: none"> <li>● Power cord is disconnected.</li> <li>● There is external noise in the computer circuits of the TX-SV919THX.</li> <li>● AC fuse blown.</li> </ul>	<ul style="list-style-type: none"> <li>● Connect power cord.</li> <li>● Remove the AC plug from the outlet.</li> <li>● Contact your ONKYO service center.</li> </ul>
Power but no sound.	<ul style="list-style-type: none"> <li>● Tape monitor switch on.</li> <li>● Audio muting switch on.</li> <li>● Bad connections.</li> <li>● The jumper plug is not connected.</li> <li>● Amplifier protection circuitry has been activated.</li> </ul>	<ul style="list-style-type: none"> <li>● Switch to off.</li> <li>● Switch to off by remote control transmitter.</li> <li>● Check input leads, speaker leads, pin plugs, etc.</li> <li>● Connect the jumper plug between the PRE OUT and MAIN IN.</li> <li>● Contact your ONKYO service center.</li> </ul>
No sound from the center speaker, or very minimal sound.	<ul style="list-style-type: none"> <li>● Speaker cord is removed.</li> <li>● The center speaker mode is set to NONE.</li> </ul>	<ul style="list-style-type: none"> <li>● Check the connection between the amplifier and the speaker.</li> <li>● Set Center mode to "LARGE/THX or SMALL".</li> </ul>
No bass.	<ul style="list-style-type: none"> <li>● The subwoofer is not being used, but L.P.F. and H.P.F. is turned on.</li> </ul>	<ul style="list-style-type: none"> <li>● The Subwoofer ON/OFF button is set to OFF.</li> </ul>
The Master Volume or the level of each channel can not be set at their maximum.	<ul style="list-style-type: none"> <li>● The total level of the Master Volume and each channel is +18dB.</li> </ul>	<ul style="list-style-type: none"> <li>● The total level can not be more than +18dB.</li> </ul>
Hum, low-frequency noise.	<ul style="list-style-type: none"> <li>● Poor or no input ground.</li> <li>● Poor or no phono motor ground.</li> <li>● The placement of the input/output cable on the rear panel is not correctly adjusted.</li> </ul>	<ul style="list-style-type: none"> <li>● Check outer conductor of input plugs.</li> <li>● Check for proper ground connection.</li> <li>● Adjust the placement of the cable to reduce hum.</li> </ul>
Howling when the volume is turned up.	<ul style="list-style-type: none"> <li>● Turntable and speakers are too close together.</li> </ul>	<ul style="list-style-type: none"> <li>● Move them farther apart.</li> </ul>
Rough or scratchy sound. High range is not clear.	<ul style="list-style-type: none"> <li>● Stylus of pick-up is worn.</li> <li>● Stylus tip is dirty.</li> <li>● Treble control too high.</li> </ul>	<ul style="list-style-type: none"> <li>● Replace.</li> <li>● Clean.</li> <li>● Turn treble control down.</li> </ul>
AM stations cannot be received.	<ul style="list-style-type: none"> <li>● AM loop antenna is not attached.</li> </ul>	<ul style="list-style-type: none"> <li>● Connect the included AM loop antenna to the AM antenna terminals.</li> </ul>
Buzzing noise on AM (particularly conspicuous at night or with weak stations).	<ul style="list-style-type: none"> <li>● Noise from electrical apparatus such as fluorescent lamp.</li> </ul>	<ul style="list-style-type: none"> <li>● Move AM loop antenna to different position.</li> <li>● Set up outdoor AM antenna.</li> </ul>
High-pitched noise or buzzing noise on AM.	<ul style="list-style-type: none"> <li>● Noise from TV set.</li> </ul>	<ul style="list-style-type: none"> <li>● Place the AM loop antenna as far as possible from the TV.</li> <li>● Move unit away from TV set.</li> </ul>
Crackling noise on AM, FM.	<ul style="list-style-type: none"> <li>● Noise caused by turning fluorescent lamp on and off.</li> <li>● Noise from automobile ignition.</li> </ul>	<ul style="list-style-type: none"> <li>● Move antenna as far as possible from the fluorescent lamp.</li> <li>● Install an FM outdoor antenna as far as possible from the road.</li> <li>● Change the position or direction of the outdoor antenna.</li> </ul>
FM tuned and stereo indicators light but sound is distorted and stereo separation is bad.	<ul style="list-style-type: none"> <li>● Station is too strong.</li> <li>● Multiple reflection of the radio waves because of tall buildings or mountains.</li> </ul>	<ul style="list-style-type: none"> <li>● Change to T-shaped antenna.</li> <li>● Use antenna which has better directivity and select a point where the distortion is least.</li> </ul>

Trouble	Cause	Remedy
FM tuned Indicators and stereo indicator flicker and hiss is heard on FM.	<ul style="list-style-type: none"> <li>● Station is too weak.</li> <li>● Stereo FM broadcasts cover only about half the distance of an ordinary broadcast.</li> </ul>	<ul style="list-style-type: none"> <li>● Install an outdoor FM antenna.</li> <li>● Change the position or direction of the outdoor antenna.</li> </ul>
No station is recalled when a preset key is pressed.	<ul style="list-style-type: none"> <li>● The power cord has been unplugged for a long time. The memory contents are lost.</li> </ul>	<ul style="list-style-type: none"> <li>● Store all stations again.</li> </ul>
The multiple room remote system does not operate.	<ul style="list-style-type: none"> <li>● Something is interfering with the remote control signal being sent to the HR-10 in the other room.</li> <li>● Connection is wrong.</li> <li>● The <b>MR</b> OFF button on the TX-SV919THX is engaged. (The <b>MR</b> OFF indicator will light.)</li> </ul>	<ul style="list-style-type: none"> <li>● Remove the interference.</li> <li>● Check the connection again.</li> <li>● Press the <b>MR</b> OFF button. (The <b>MR</b> OFF indicator will be turned OFF.)</li> </ul>
Front panel controls function but remote control does not.	<ul style="list-style-type: none"> <li>● No batteries in remote control.</li> <li>● Batteries have worn out.</li> </ul>	<ul style="list-style-type: none"> <li>● Insert batteries.</li> <li>● Replace batteries.</li> </ul>
Also refer to the respective instruction manuals of the Video Disc Player, video cassette recorder, TV monitor, etc., being used.		

The tuning steps by which the tuned frequency changes on each band have been set at the factory to the proper value for the country where each unit is to be sold. If you use the unit in a country where a different tuning step is required or if the broadcast frequencies in your country change so that you can not tune in radio stations precisely, contact your authorized ONKYO Service Center.

This device employs a microcomputer to perform various functions and operations. If interference generated by an external power supply, radio waves, or other electrical source results in an accident which causes the specified operations and functions to operate abnormally. To perform a reset, please follow the procedure below.

- 1. Press and hold down the CD button, then press the POWER button.**
- 2. "Test-" is displayed on the display for approximately 5 seconds.**
- 3. While "Test-" is displayed, unplug the TX-SV919THXs power cord from AC outlet, then "Clear" be displayed.**
- 4. After "Clear" is displayed, the preset memory and parameters stored in the memory, such as surround, are initialized and will return to the factory settings.**

## Problem with the RC-267M remote control

If the remote control does not operate,	<ul style="list-style-type: none"> <li>● First, try operations using the buttons of the main unit for each function. If operation is not possible, the fault is in the main unit and not the remote control.</li> <li>● If the batteries are weak, replace the batteries.</li> </ul>
The keys of this remote control cannot be memorized or some remote control functions cannot be memorized.	<ul style="list-style-type: none"> <li>● This remote control uses an infrared ray system and most functions can be memorized. However, there may be some instances where memorization is not possible or some remote control functions cannot be memorized due to the output method.</li> </ul>
It is difficult to memorize functions using the keys of this remote control, and even when a function has been memorized, operation is incorrect.	<ul style="list-style-type: none"> <li>● The RC-267M is not aimed directly at the other remote control, or the distance between the two units is out of range. Confirm that these two factors are correct.</li> <li>● Confirm whether the batteries of your existing remote control are weak. (If the batteries are weak, it may be impossible to operate a function or to memorize functions. Insert new batteries and try again.)</li> <li>● The RC-267M remote control uses an infrared ray system and most functions can be memorized. However, there may be some instances where memorization is not possible or some remote control functions cannot be memorized due to the output method of the other remote control.</li> </ul>
The functions of the television, video, etc., memorized into this remote control do not operate properly with the keys.	<ul style="list-style-type: none"> <li>● Make sure the functions memorized correspond to the characters or marks on the buttons. The functions will operate as memorized, without relation to the characters or marks on the button.</li> <li>● If the batteries are weak, it may be impossible to memorize functions. Insert the indicated type of batteries into your existing remote control and into this remote control, and try memorizing the code once again. (Make sure the new batteries are the correct type indicated for the equipment.)</li> </ul>
If the operable distance of the RC-267M is shorter than that of the existing remote control, or if the reaction time of the machine is slow when using the RC-267M.	<ul style="list-style-type: none"> <li>● The operable distance of this remote control and your existing remote control are different. In this case, it may happen that the operable distance is shortened.</li> <li>● Try memorizing once again, making sure you are memorizing at an appropriate distance.</li> <li>● Check that the batteries are not weak.</li> <li>● It may be simply that the correspondence between the unit and machine is slow.</li> </ul>
The codes memorized by the key of RC-267M have been "forgotten".	<ul style="list-style-type: none"> <li>● If the batteries are taken out of the unit for more than one hour, memorized codes will be lost. In this case, please memorize the codes once again.</li> </ul>

# Specifications

## AMPLIFIER SECTION

Power output: Stereo mode: (BY-PASS mode, H.P.F.: OFF)  
LEFT and RIGHT channels  
110 watts per channel min RMS. at 8 ohms, both channels driven, from 20Hz to 20,000Hz, with no more than 0.03 % total harmonic distortion.  
Surround mode:  
LEFT, RIGHT and CENTER channels  
100 watts min. RMS. at 8 ohms 1,000Hz, with no more than 0.08% total harmonic distortion.  
LEFT SURROUND and RIGHT SURROUND Channels  
50 watts per channel min. RMS. at 8 ohms 1,000Hz with no more than 0.08% total harmonic distortion.

IM distortion: 0.03% at rated power  
(LEFT and RIGHT)

Damping factor: 70 at 8 ohms (LEFT and RIGHT)

Input sensitivity/impedance: Phono: 2.5mV/50 kohms  
Line (CD, TAPE 1 ~ 2, VIDEO 1 ~ 6): 200mV/50 kohms  
Main in (LEFT, RIGHT, CENTER): 1V/50 kohms (100W output)  
Main in (LEFT SURROUND, RIGHT SURROUND): 0.7V/50 kohms (50W output)  
EXTERNAL DECODER INPUT (LEFT, RIGHT, CENTER, LEFT SURROUND, RIGHT SURROUND, SUBWOOFER): 200mV/50 kohms

Output level/impedance: Rec out (TAPE 1 ~ 2): 200mV/2.2 kohms  
Out (VIDEO 1 ~ 3): 200mV/2.2 kohms  
Pre out (LEFT, CENTER, RIGHT, LEFT SURROUND, RIGHT SURROUND, SUBWOOFER): 1V/470 ohms  
Pre out (MULTI SOURCE): 1V/470 ohms

Phono overload: 120mV RMS. at 1,000 Hz, 0.5 % THD.

Frequency response: 20 to 30,000 Hz, +/-0.5 dB  
(Tone control: off)

RIAA deviation: 20 to 20,000 Hz, +/-0.8 dB

Tone control: BASS: +/- 10 dB at 100 Hz  
TREBLE: +/- 10 dB at 10,000 Hz

Signal-to-Noise ratio: PHONO: 80 dB (IHF A, 5mV input)  
(Surround mode: BY PASS) CD/TAPE: 100 dB (IHF A)

Muting: -∞dB

## VIDEO SECTION (NTSC TV system)

Television format: NTSC

Input sensitivity/impedance

IN (VIDEO 1 ~ 6) VIDEO (Composite): 1Vp-p/75 ohms  
IN (VIDEO 1 ~ 6) S-VIDEO (Y signal): 1Vp-p/75 ohms  
IN (VIDEO 1 ~ 6) S-VIDEO (C signal): 0.28Vp-p/75 ohms

Output level/impedance

OUT (VIDEO 1 ~ 3, MONITOR OUT 1 ~ 2) VIDEO (Composite): 1Vp-p/75 ohms  
OUT (VIDEO 1 ~ 3, MONITOR OUT 1) S-VIDEO (Y signal): 1Vp-p/75 ohms  
OUT (VIDEO 1 ~ 3, MONITOR OUT 1) S-VIDEO (C signal): 0.28Vp-p/75 ohms

## TUNER SECTION

### FM:

Tuning range: 87.50 – 108.00 MHz (50 kHz steps)

Usable sensitivity: Mono: 11.2 dBf, 1.0 μV (75 ohms)  
Stereo: 17.2 dBf, 2.0 μV (75 ohms)

50 dB quieting sensitivity: Mono: 17.2 dBf, 2.0 μV (75 ohms)  
Stereo: 37.2 dBf, 20 μV (75 ohms)

Capture ratio: 1.5 dB

Image rejection ratio: 85 dB

IF rejection ratio: 90 dB

Signal-to-Noise ratio: Mono: 76 dB  
Stereo: 70 dB

Alternate channel Attenuation: 55 dB

AM suppression ratio: 50 dB

Harmonic distortion: Mono: 0.1%  
Stereo: 0.2%

Frequency response: 30 – 15,000 Hz ± 1.0 dB

Stereo separation: 45 dB at 1kHz  
30 dB at 100 – 10,000 Hz

Muting level: 17.2 dBf

### AM:

Tuning: USA and Canadian models 530 – 1710 kHz (10 kHz steps)  
Other area models 522 – 1611 kHz (9 kHz steps)

Usable sensitivity: 30 μV

Image rejection ratio: 40 dB

IF rejection ratio: 40 dB

Signal-to-Noise ratio: 40 dB

Harmonic distortion: 0.7%

## GENERAL

Power supply: USA and Canadian models

AC120V, 60 Hz

Other area models

AC 230V, 50 Hz

Dimensions (W x H x D): 455 × 190 × 425 mm

17-15/16" × 7-7/16" × 16-11/16"

Weight:

22 kg., 48.5 lbs.

## REMOTE CONTROL 267M, 268S

Transmitter: Infrared

Signal range: Approx. 5 meters (16ft.)

Power supply: RC267M four "AAA" batteries (1.5V × 4)  
RC268S two "AA" batteries (1.5V × 2)

Specifications and features are subject to change without notice.